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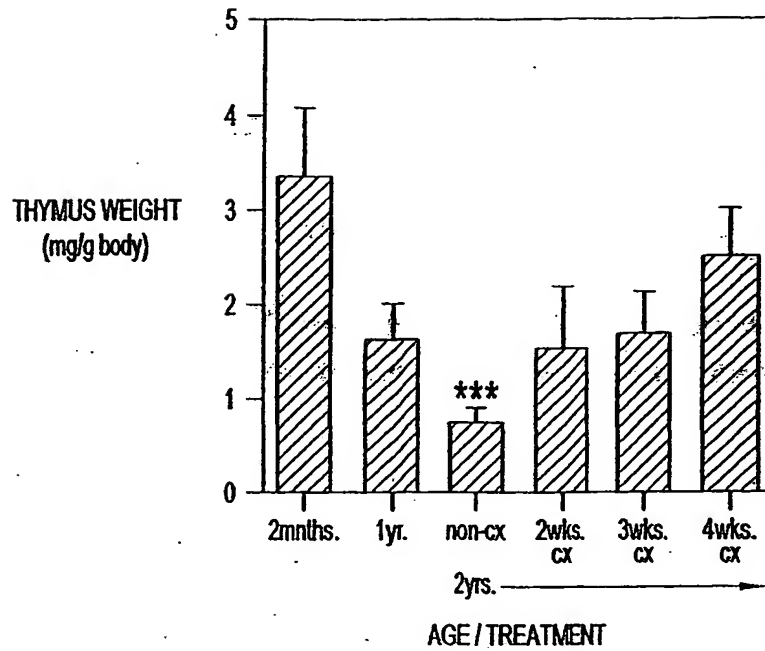


Figure 1A

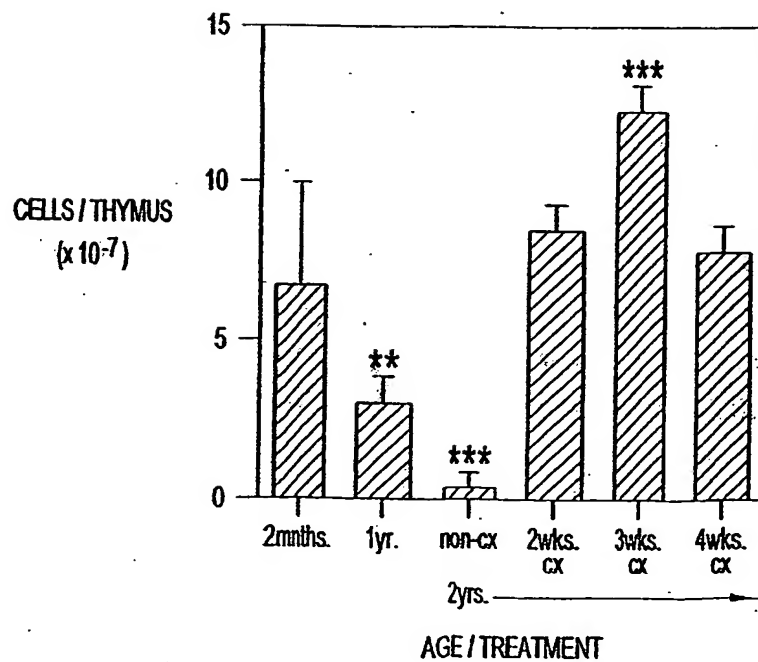


Figure 1B

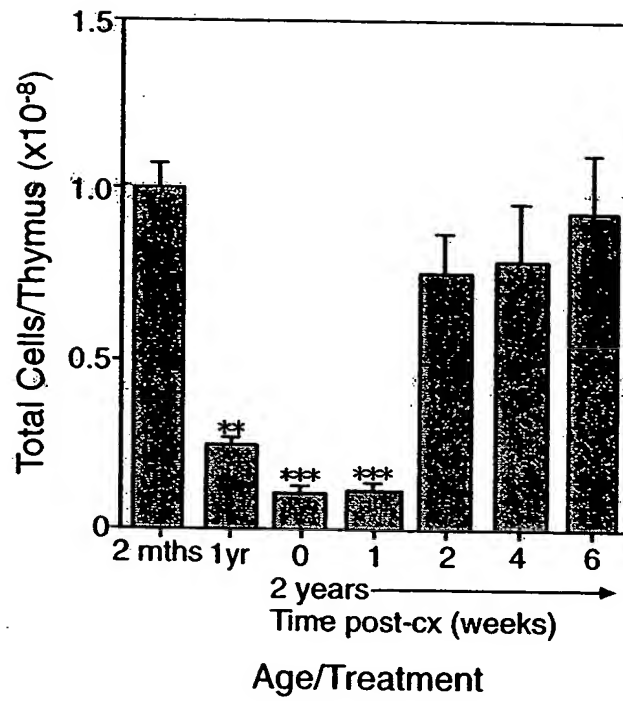


FIGURE 1 c

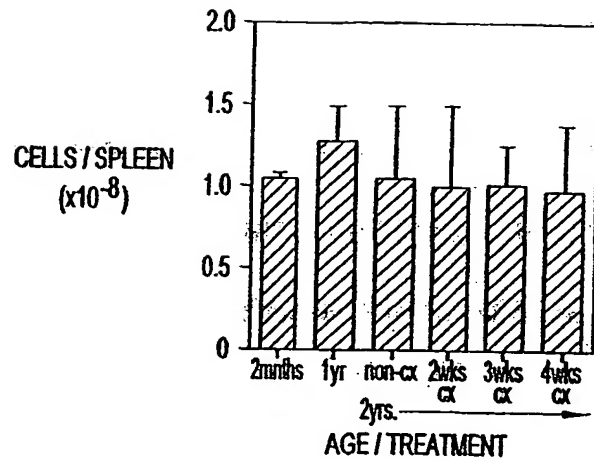


Figure 2A

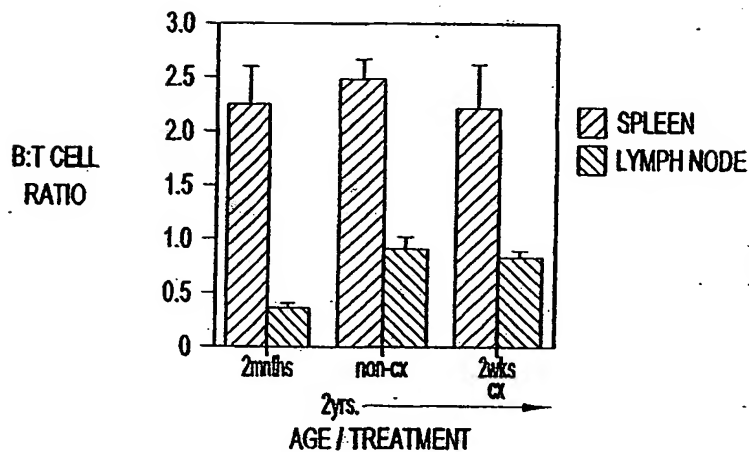


Figure 2C

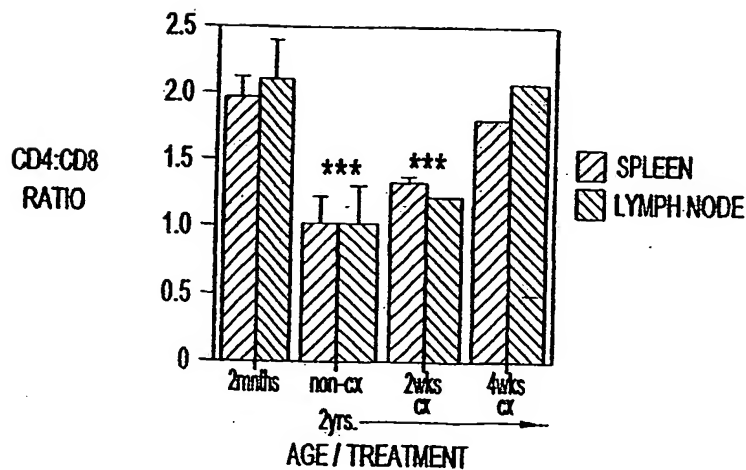


Figure 2E

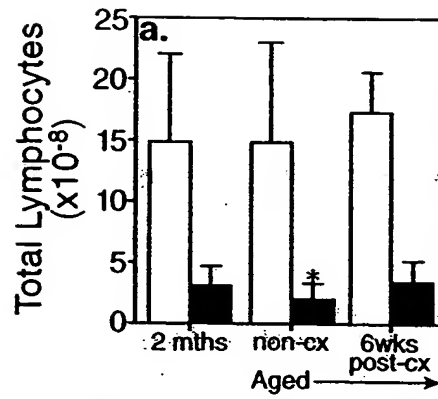


Figure 2B

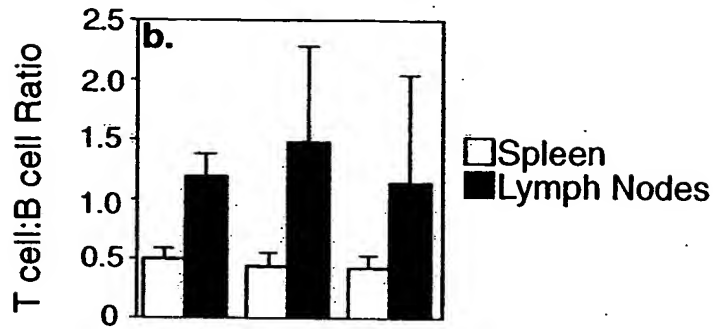


Figure 2D

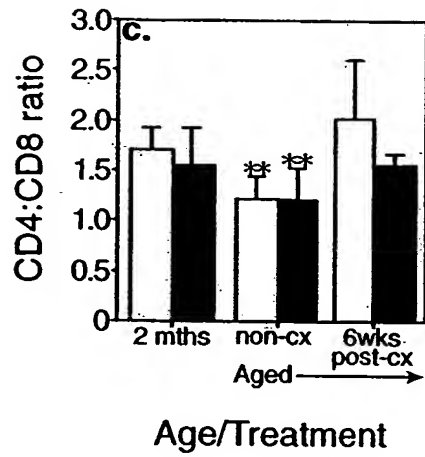


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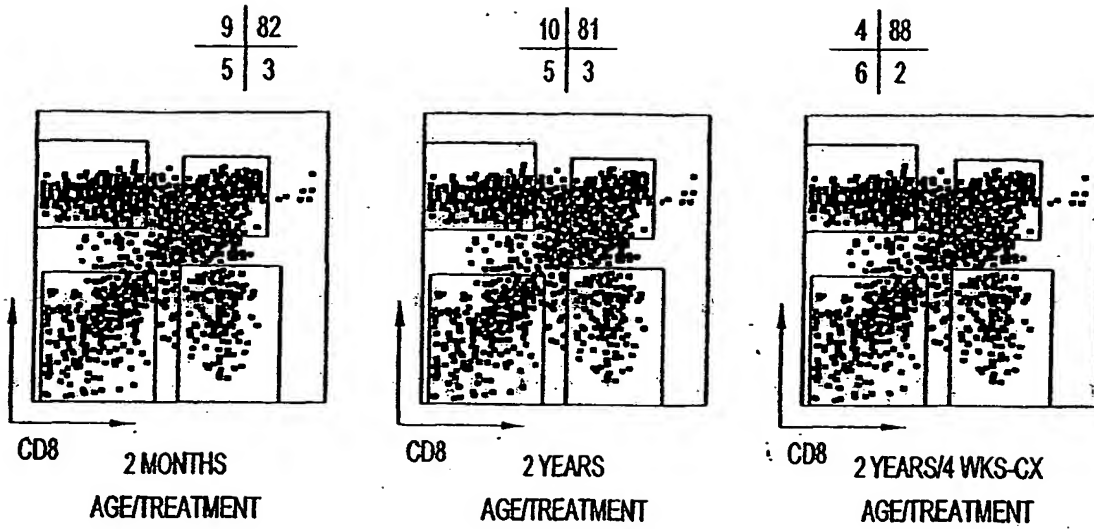


Figure 3

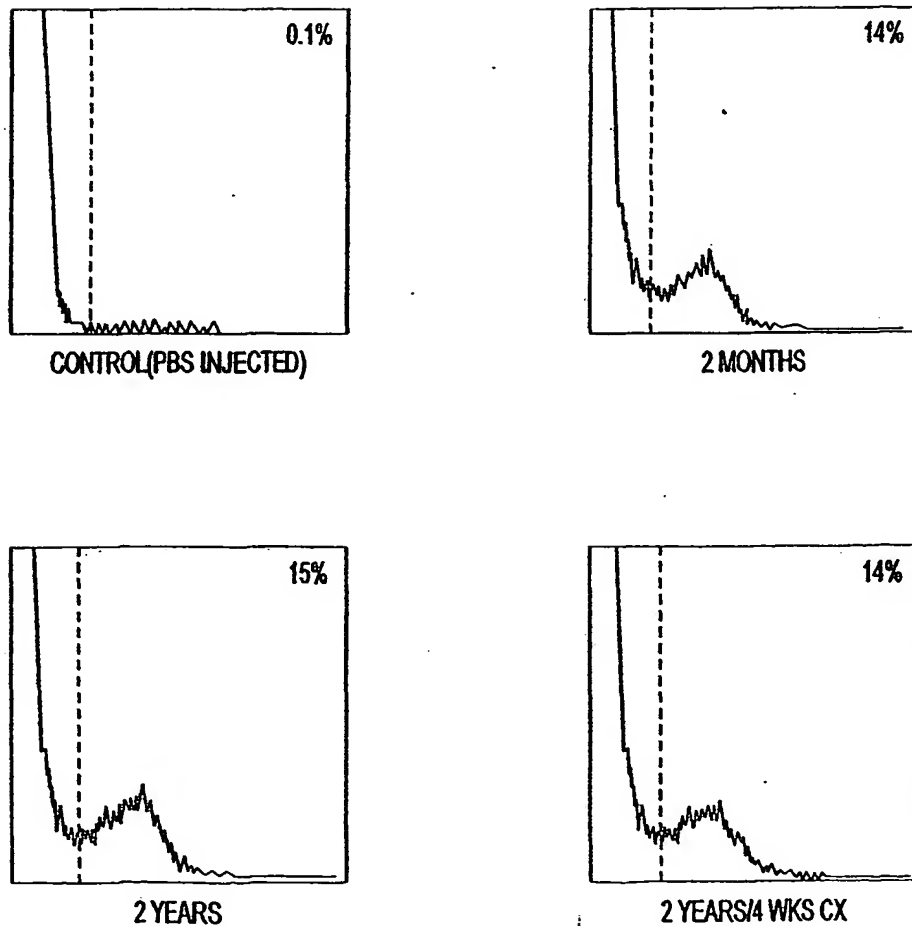


Figure 4_A

Figure 4B

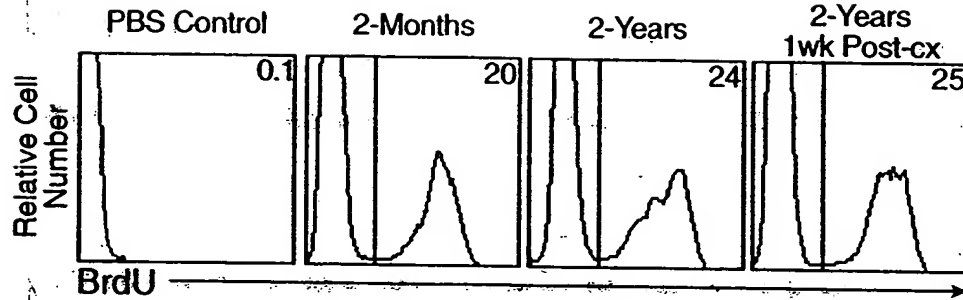
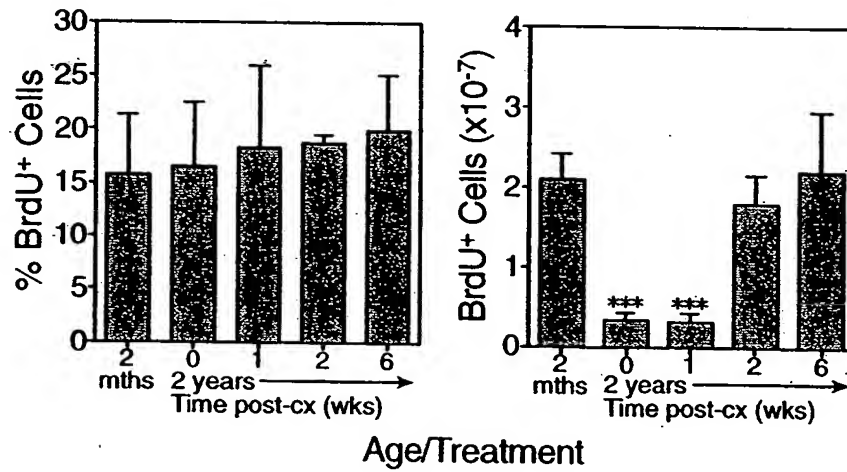


Figure 4C



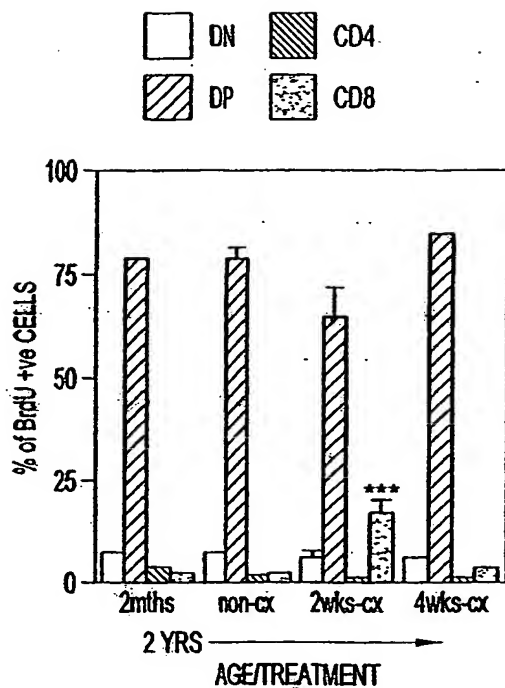


Figure 5A

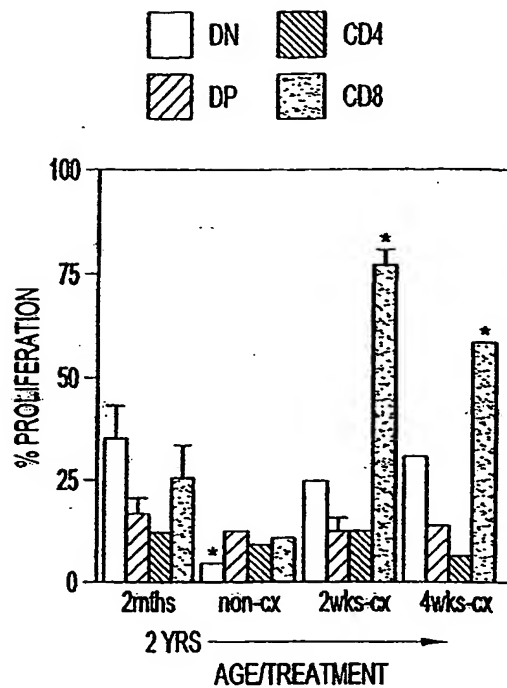


Figure 5B

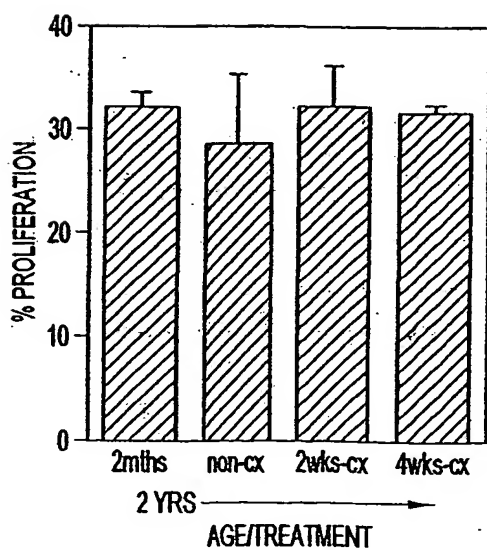


Figure 5C

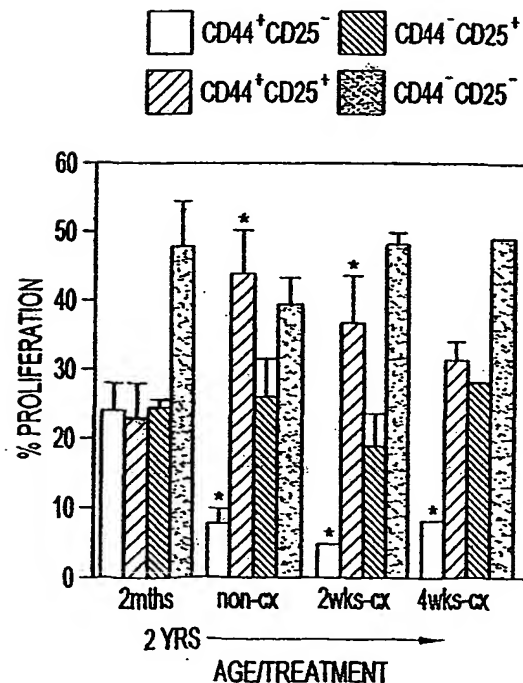


Figure 5D

Figure 5C

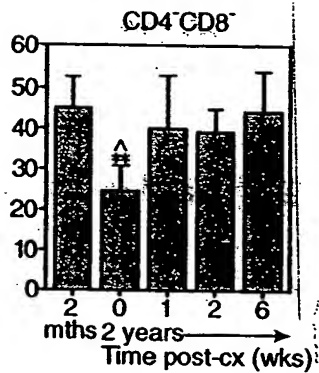


Figure 5D

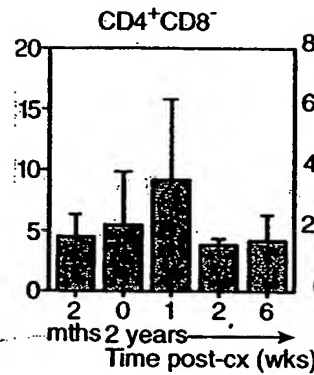


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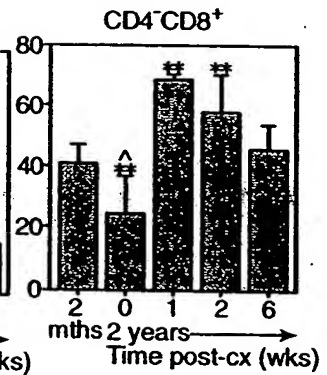


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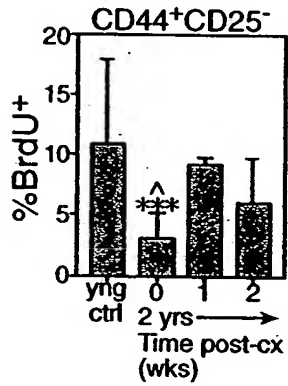


Figure 5I

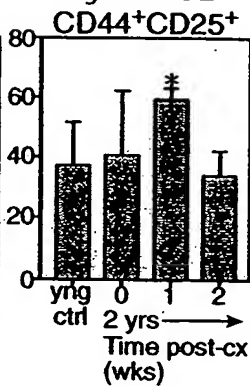


Figure 5J

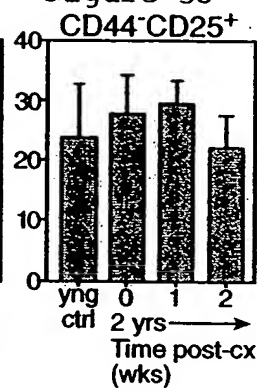
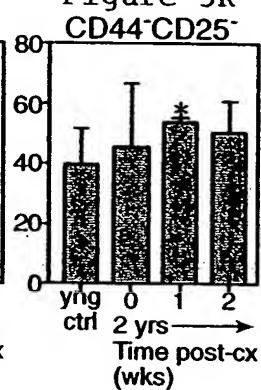


Figure 5K



Age/Treatment

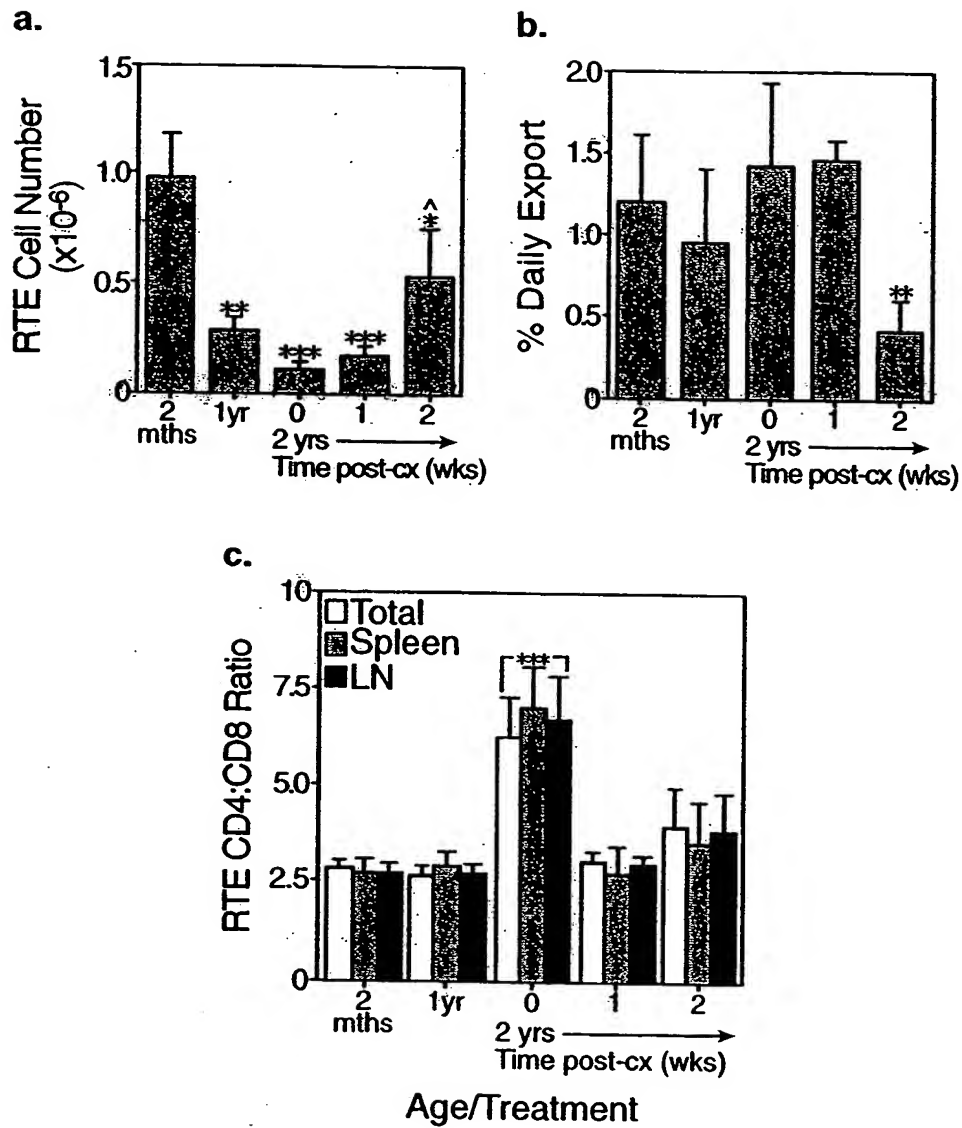


FIGURE 6.

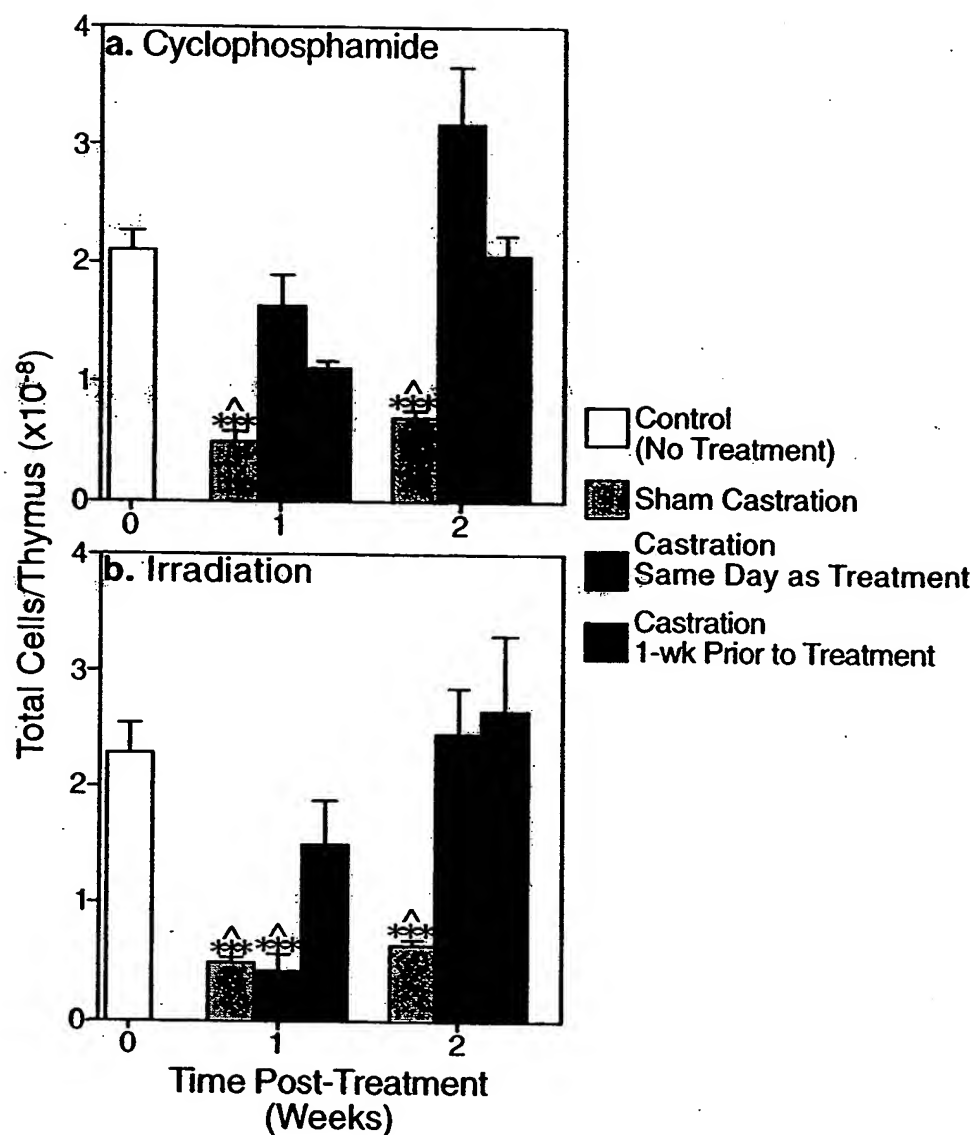


FIGURE 7.

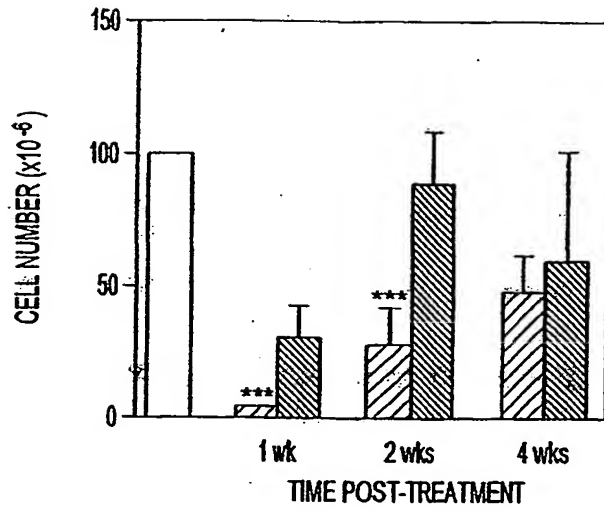


Figure 8A

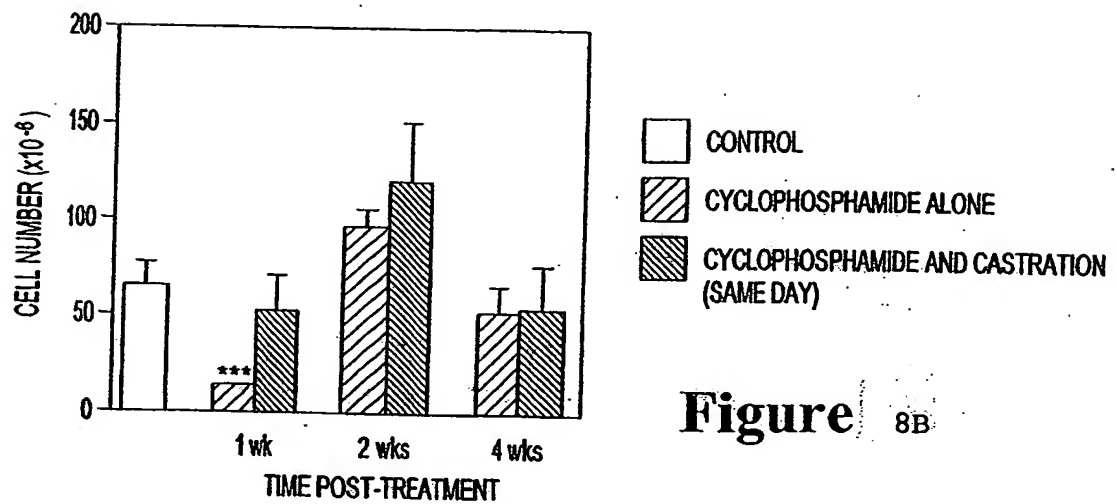


Figure 8B

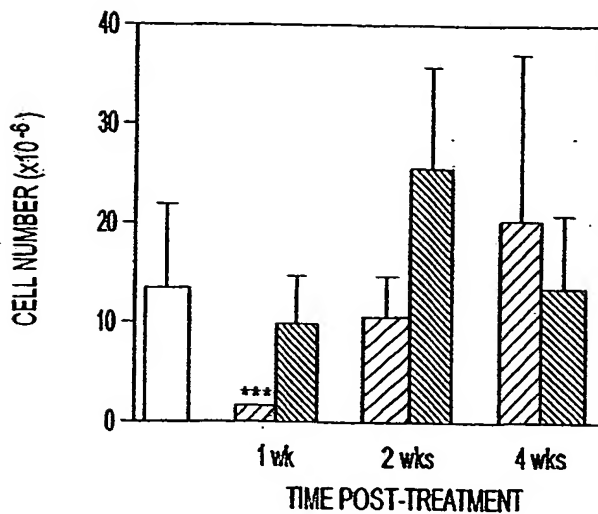


Figure 8C

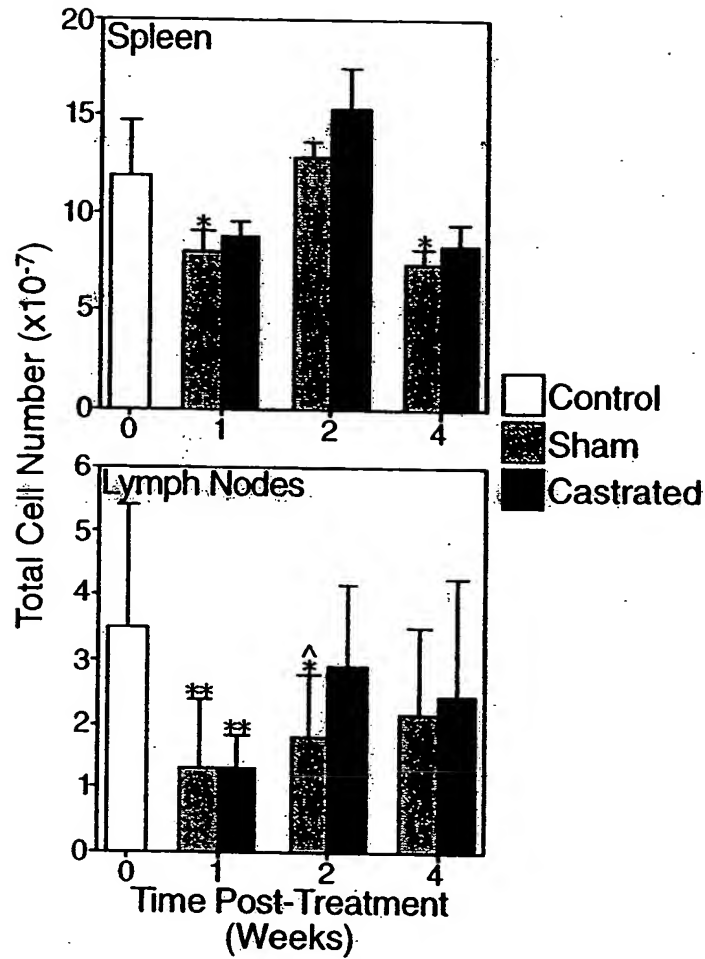


Figure 9A

Figure 9B

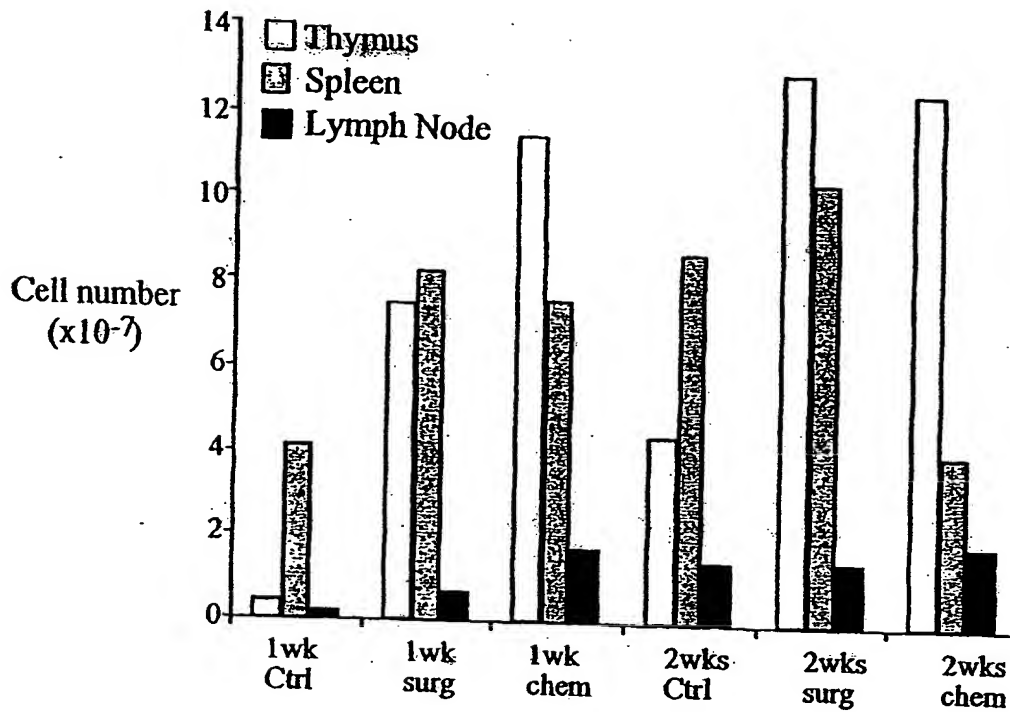


Figure 10

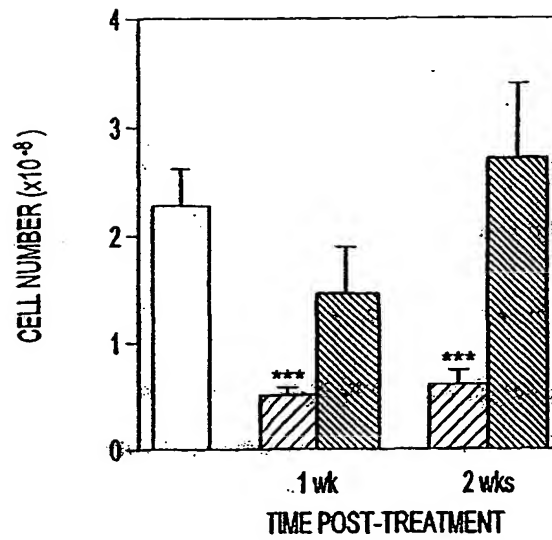
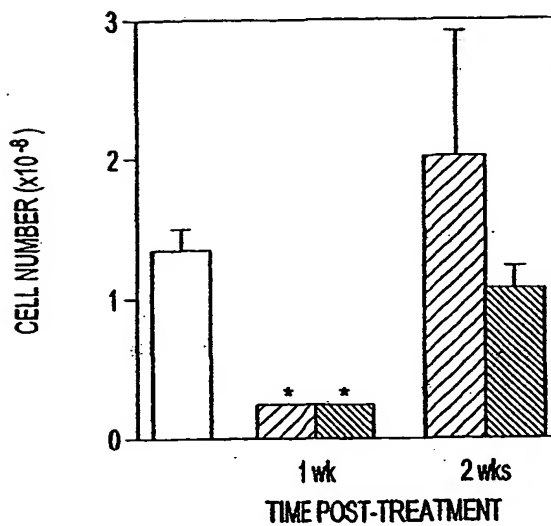


Figure 11A



CONTROL
 IRRADIATION ALONE
 CASTRATION/IRRADIATION

one week prior to treatment

Figure 11B

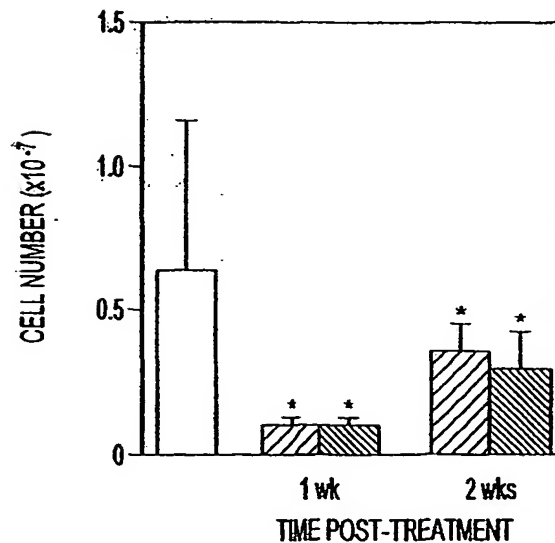


Figure 11C

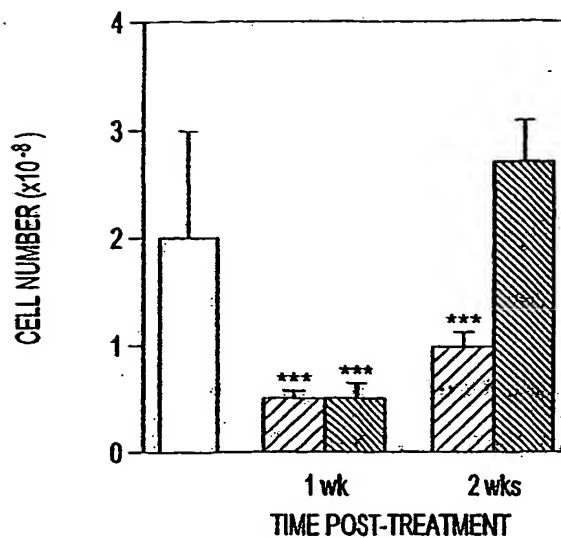


Figure 12A

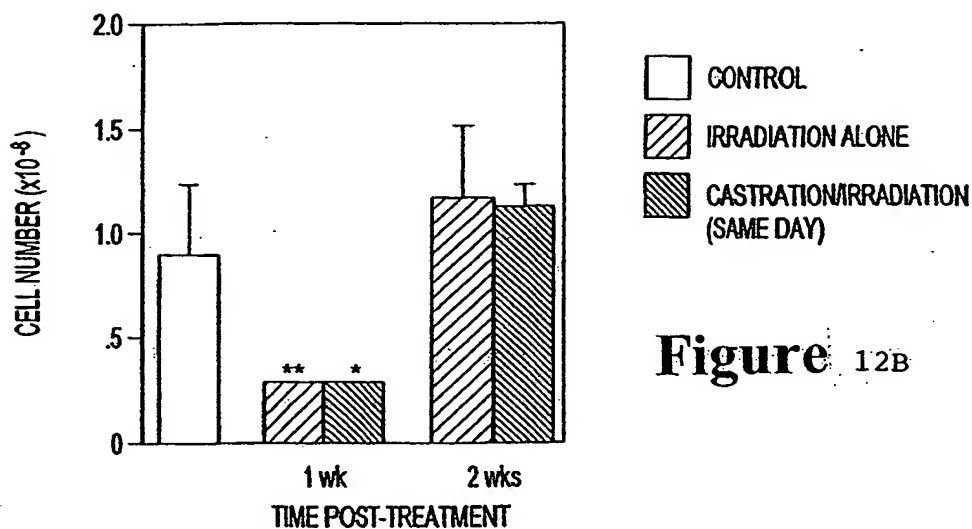


Figure 12B

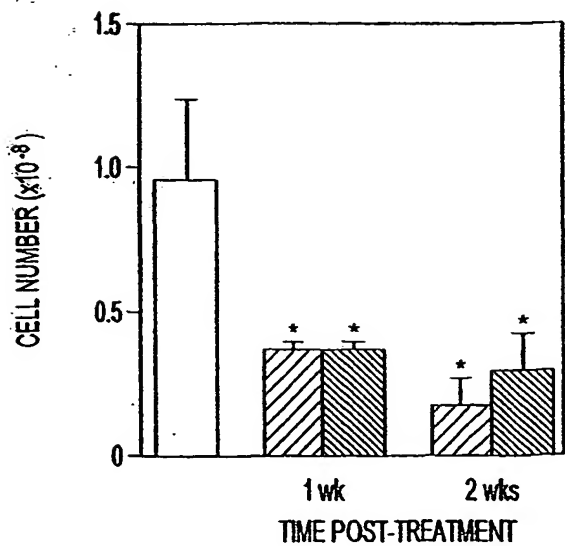


Figure 12C

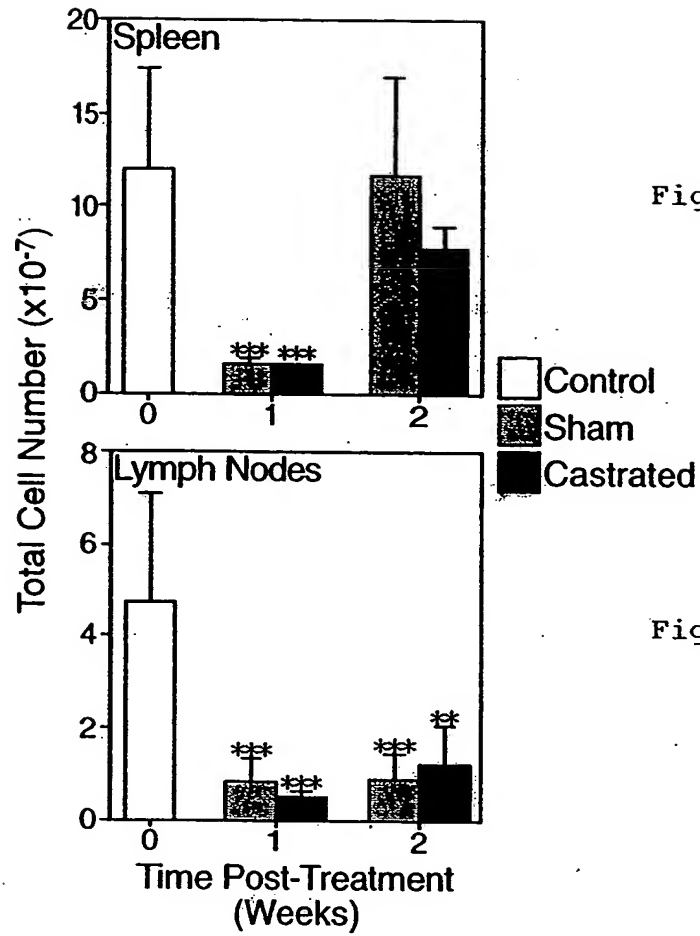


Figure 13A

Figure 13B

LN size post-HSV inoculation

LN cell
number
($\times 10^{-6}$)

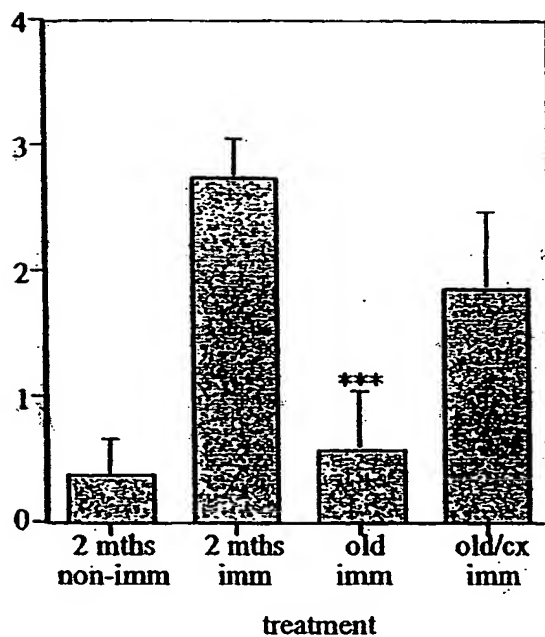


Fig. 14A

Activated cell numbers

activated
cells
($\times 10^{-4}$)

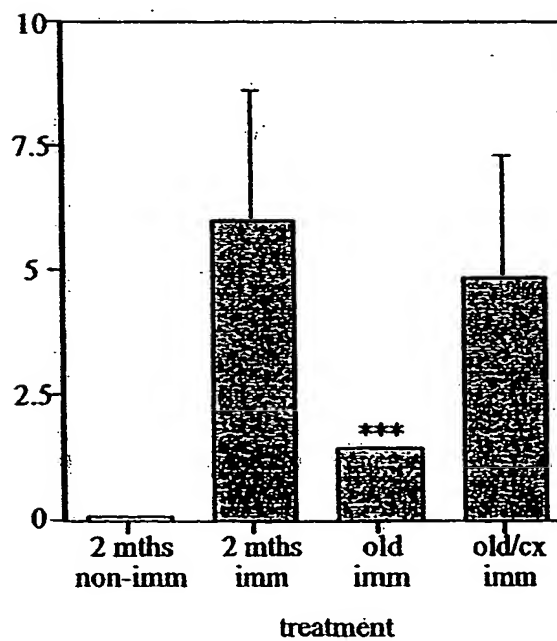
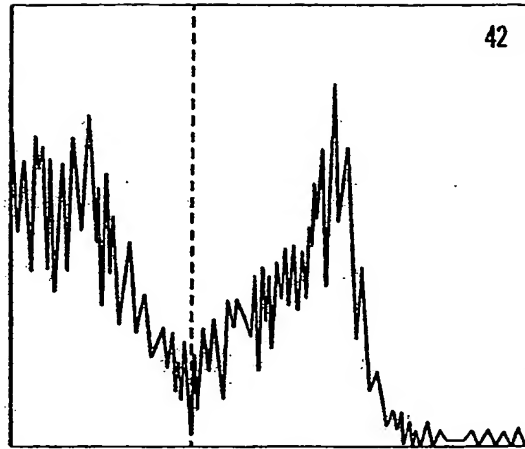
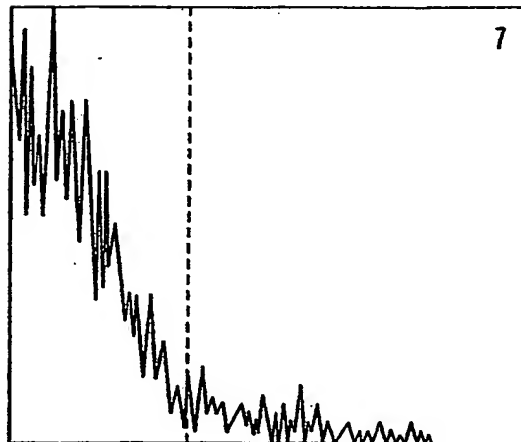


Fig. 14B



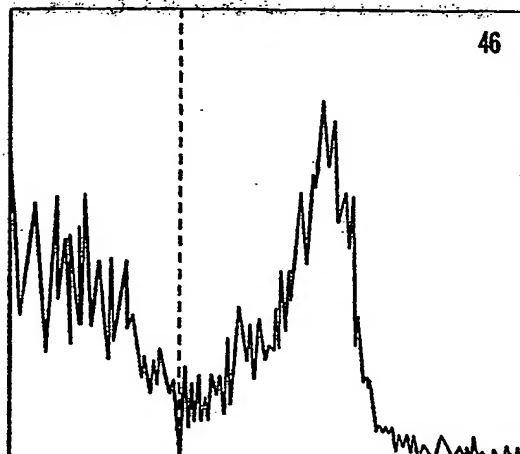
2 MONTHS

Figure 15A



18 MONTHS

Figure 15B



18 MONTHS
CASTRATED

Figure 15C

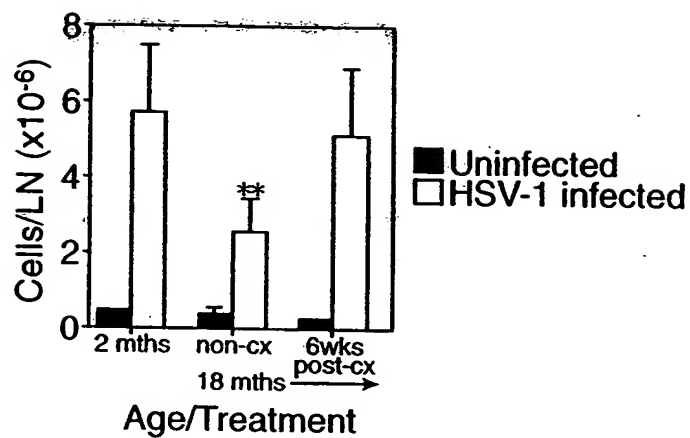


FIGURE 16

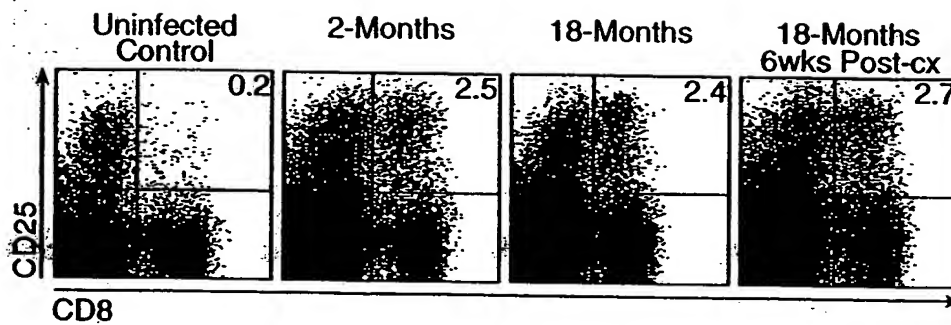


Figure 17A

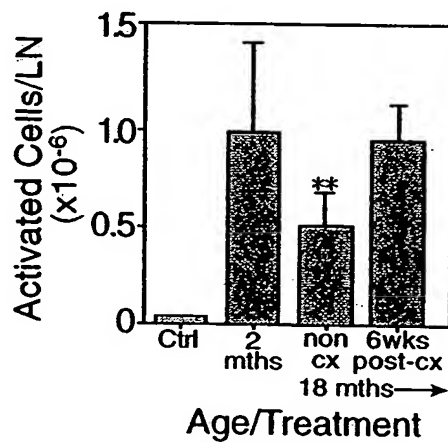


Figure 17B

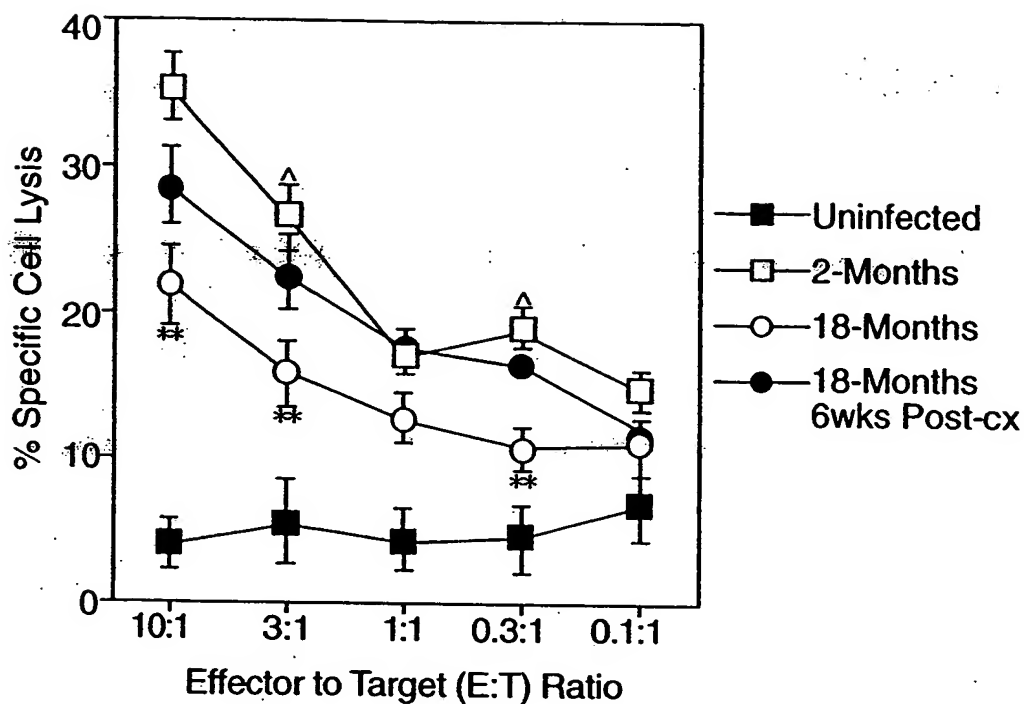


FIGURE 18

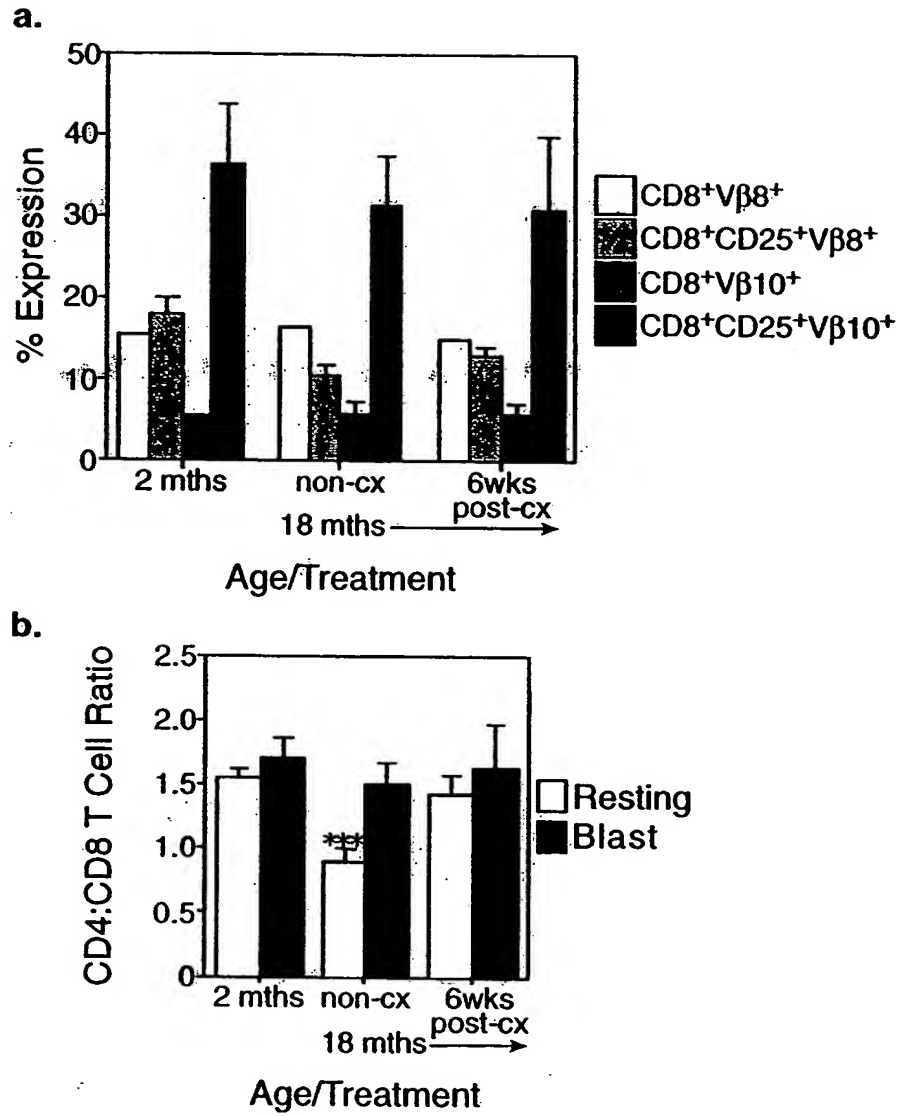


FIGURE 19

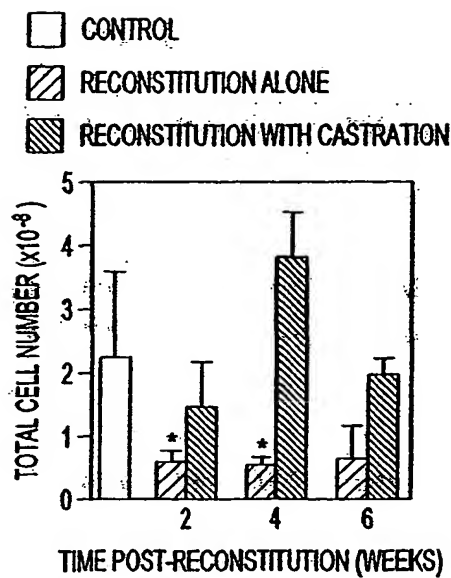


Figure 20A

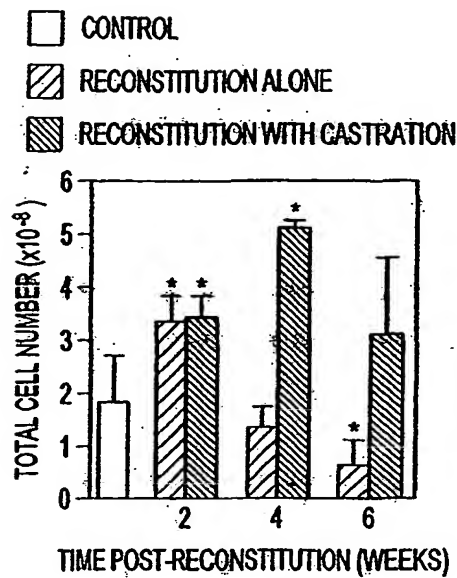


Figure 20B

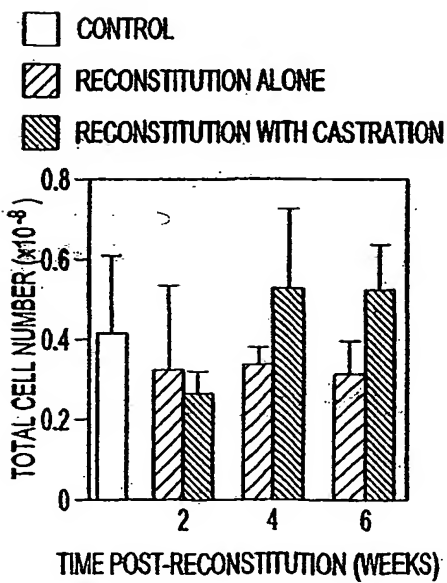


Figure 20C

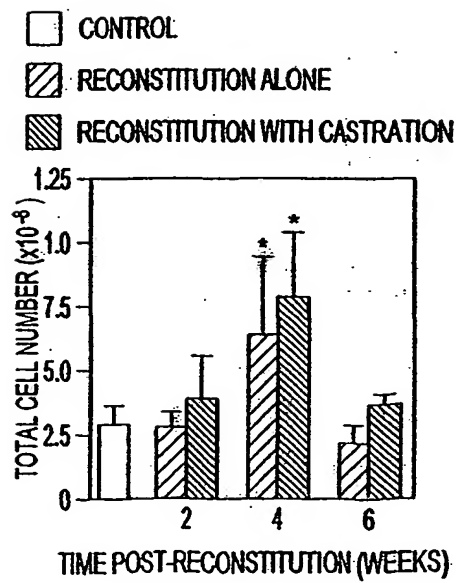


Figure 20D

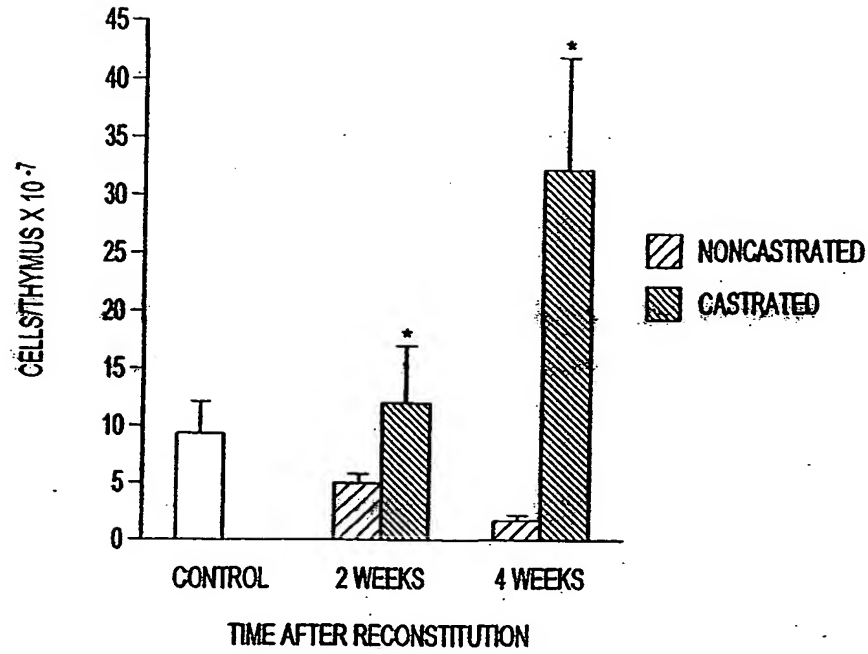


Figure 21A

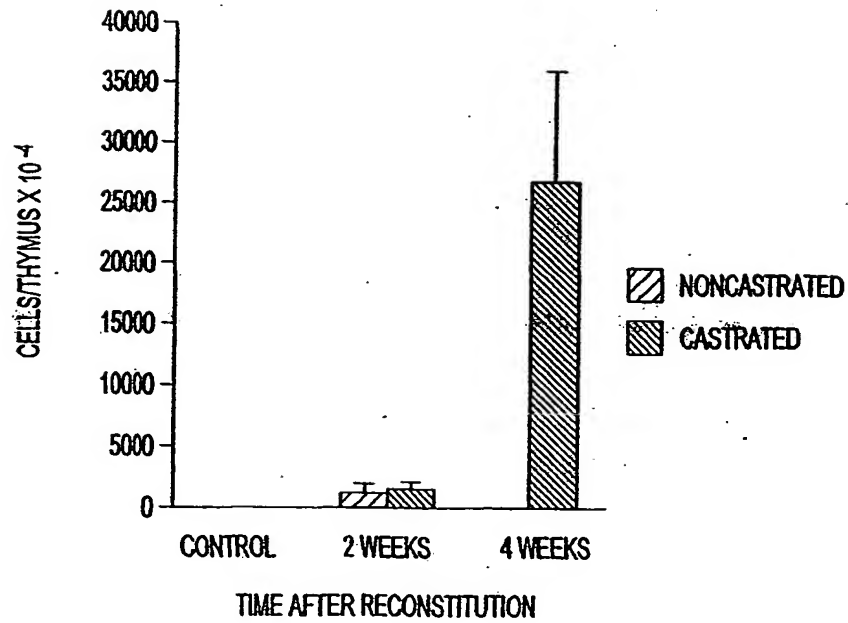


Figure 21B

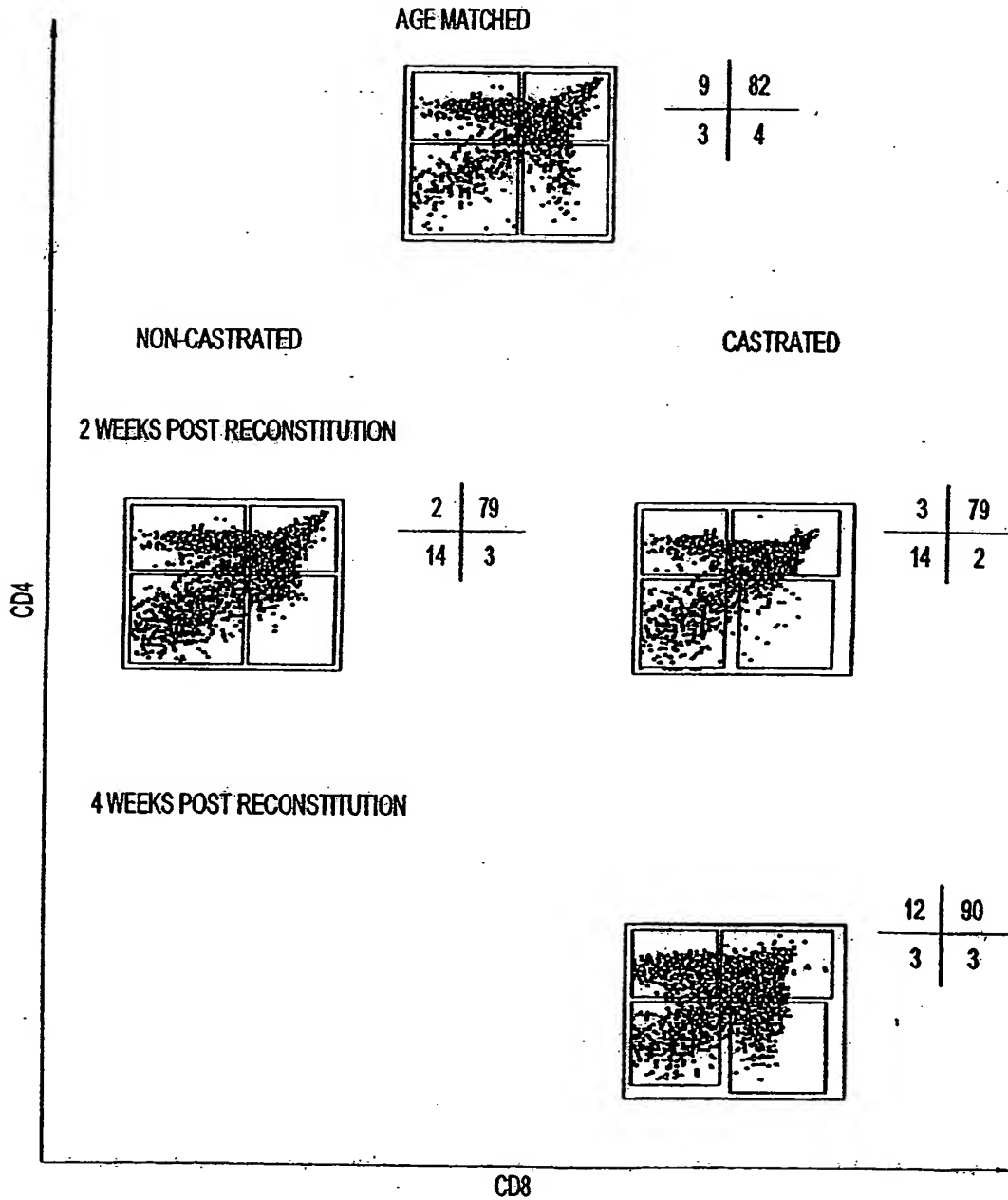


Figure 22

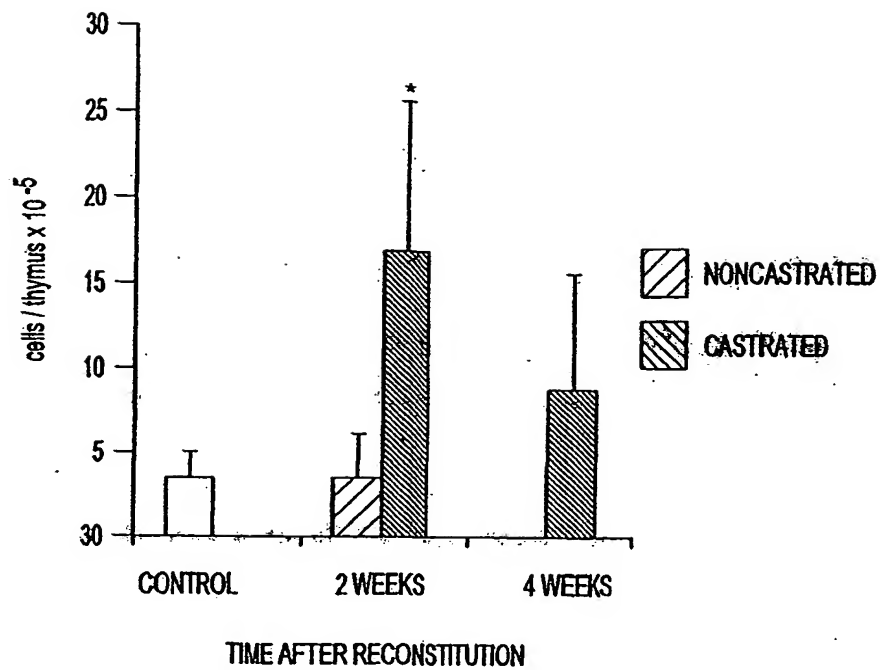


Figure 23A

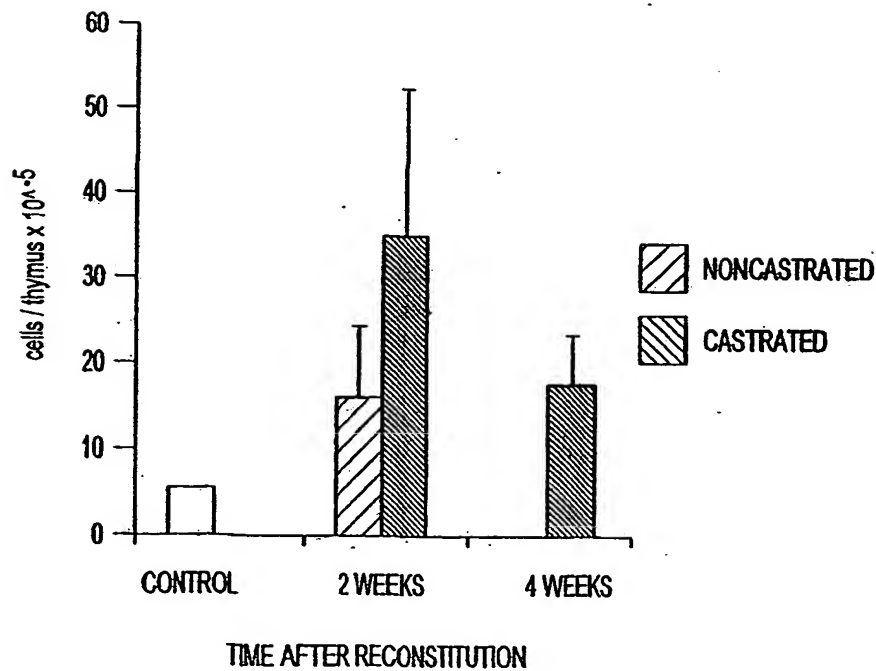


Figure 23B

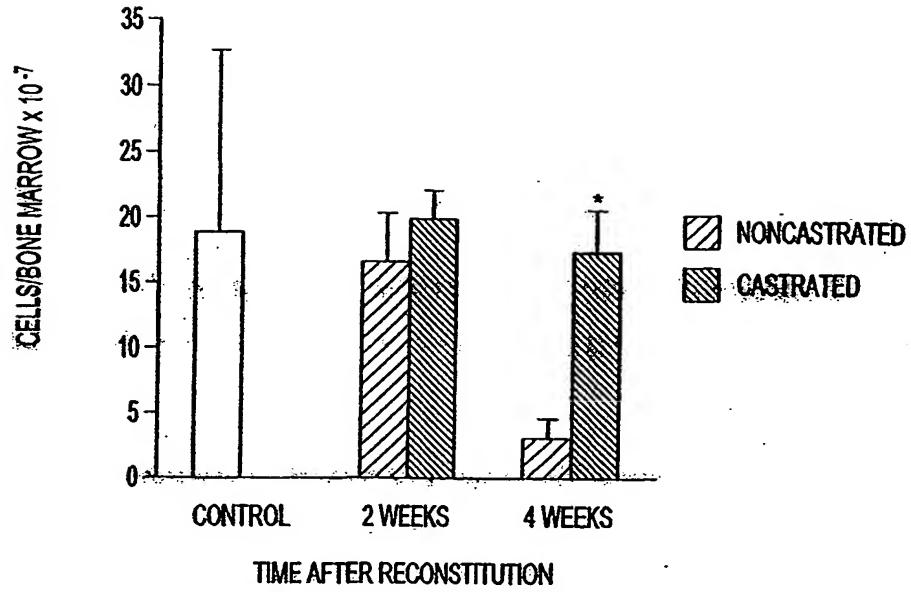


Figure 24A

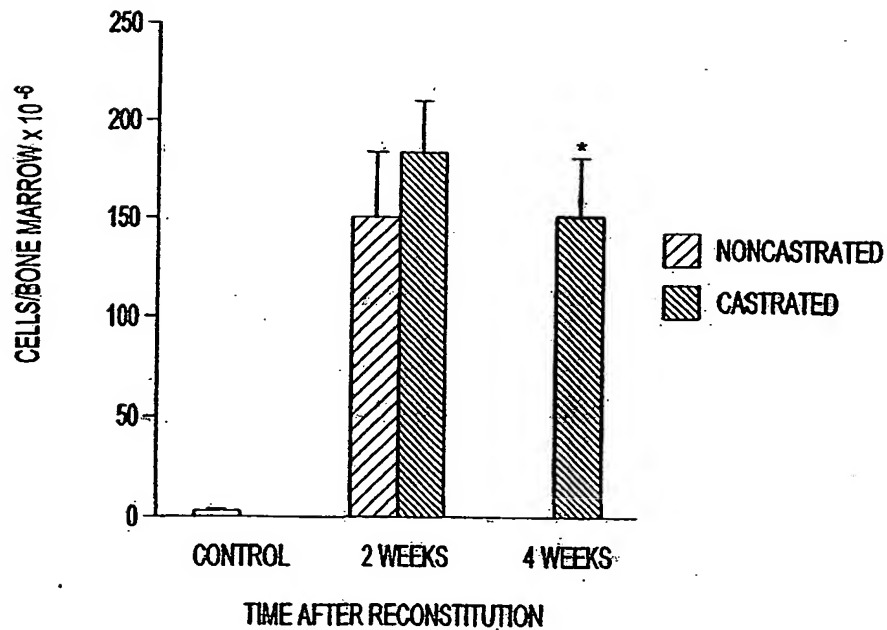


Figure 24B

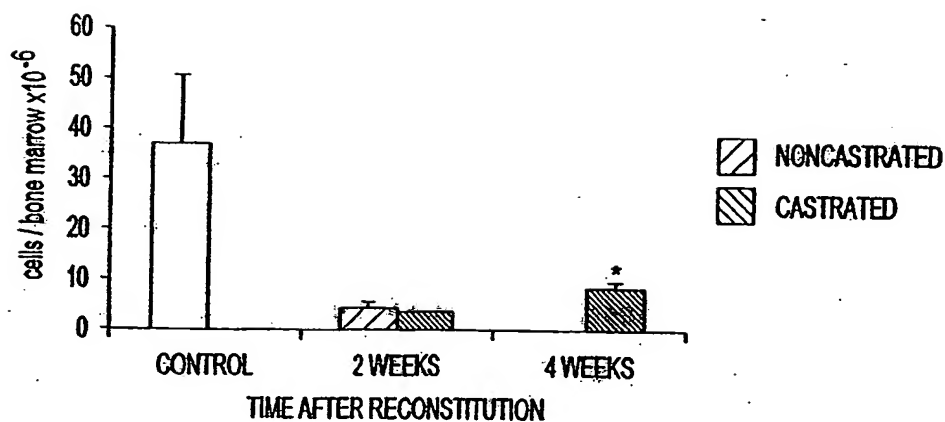


Figure 25A

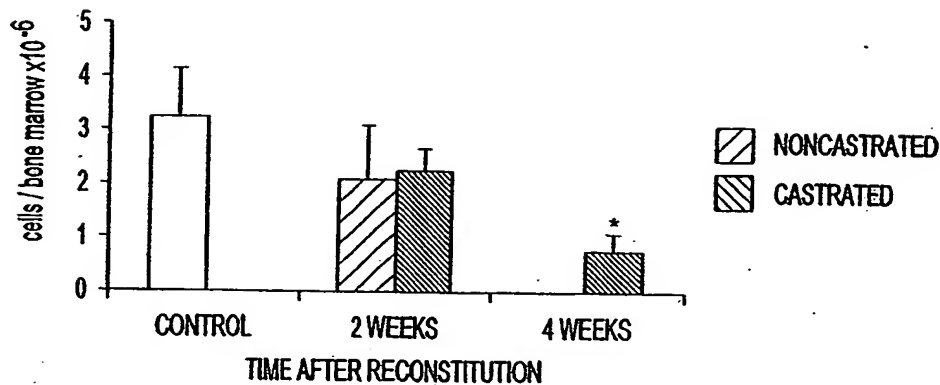


Figure 25B

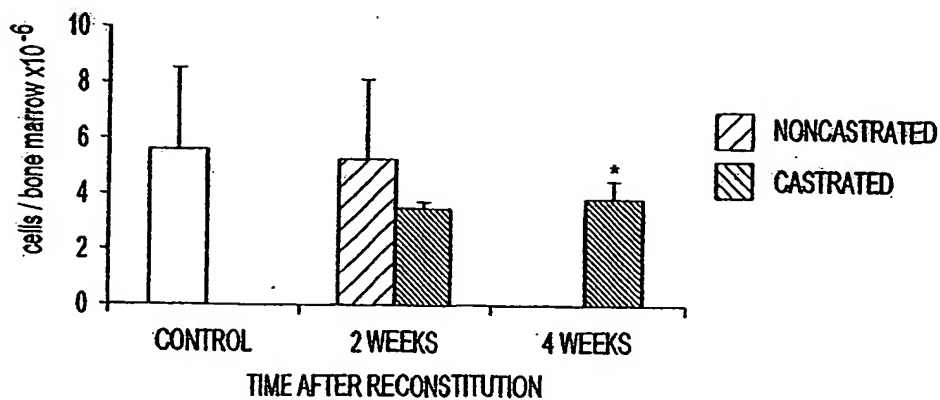


Figure 25C

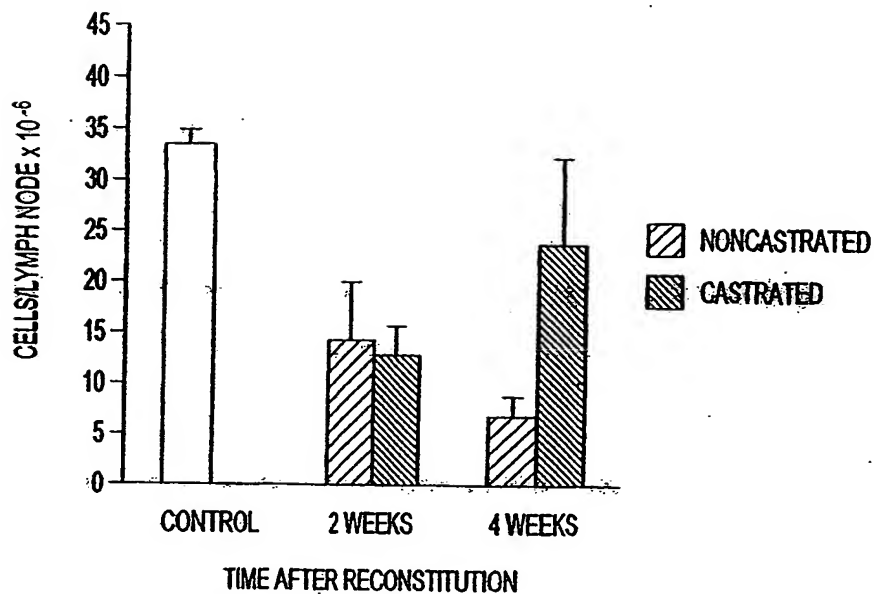


Figure 26A

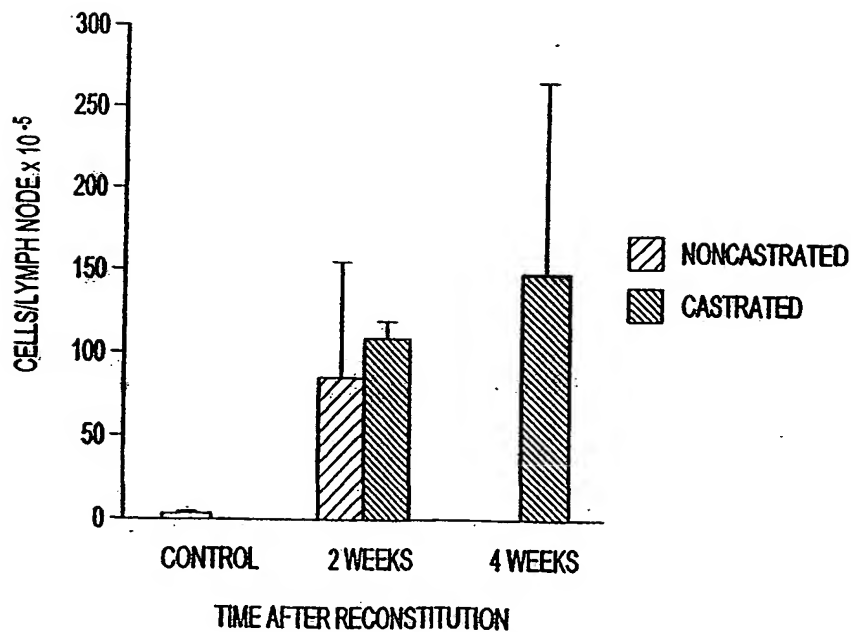
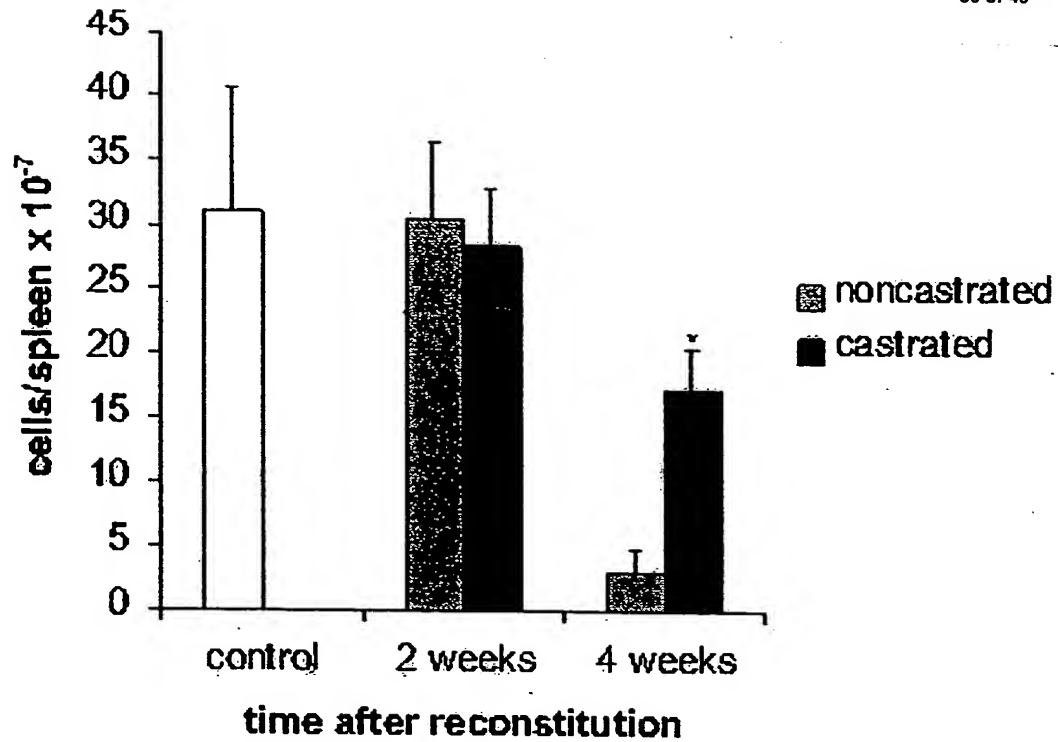


Figure 26B

A.



B.

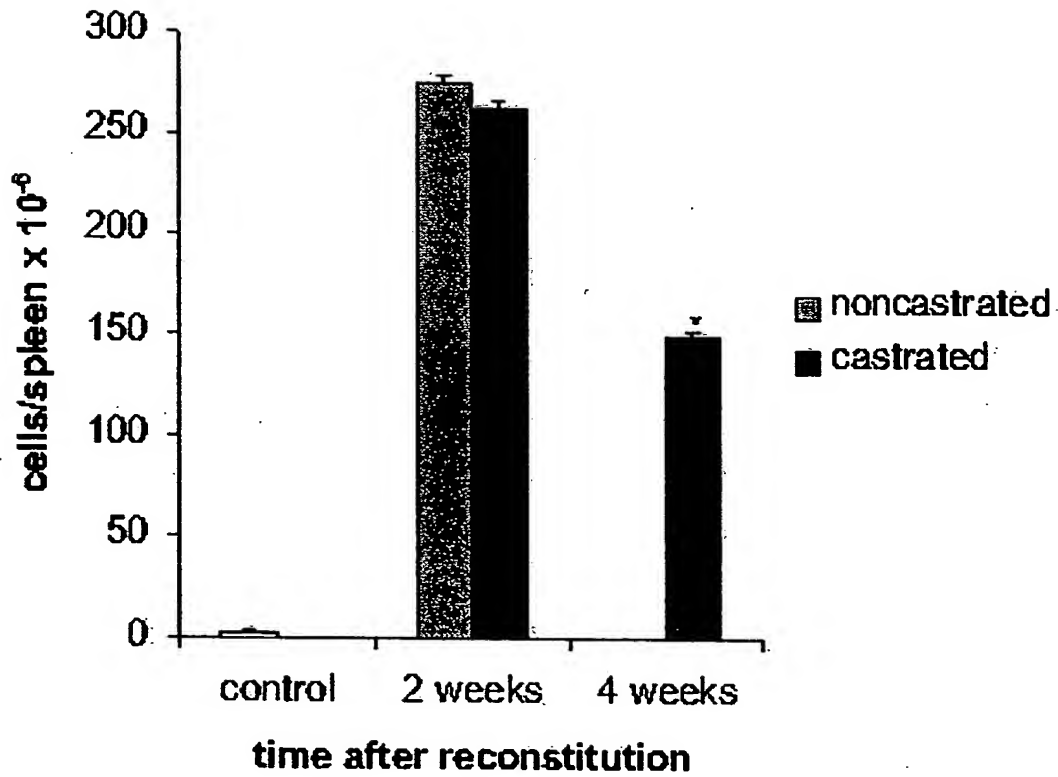


FIGURE 27.

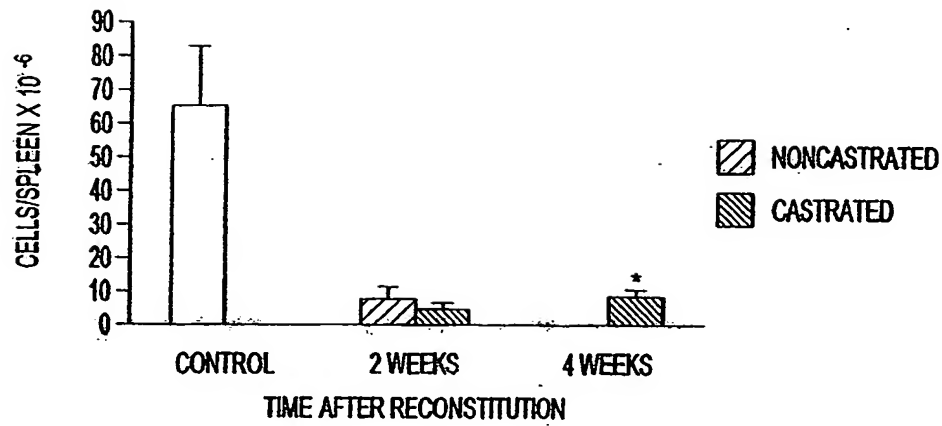


Figure 28A

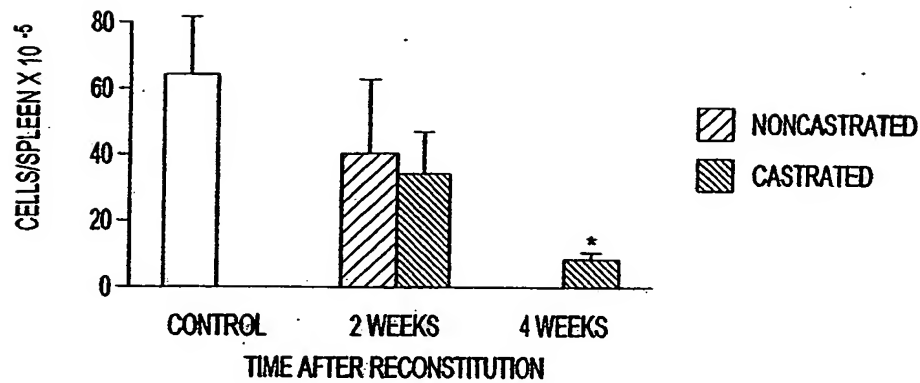


Figure 28B

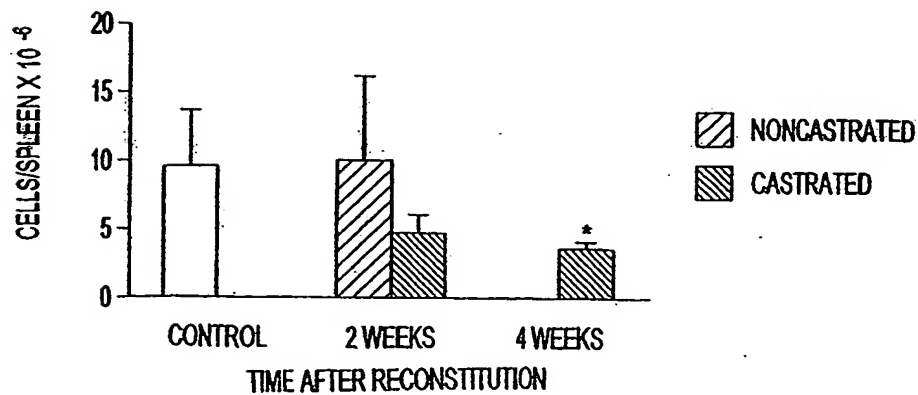


Figure 28C

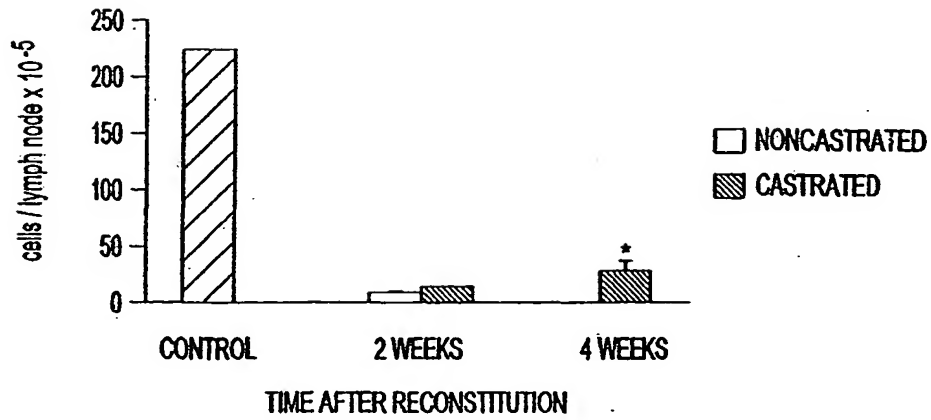


Figure 29A

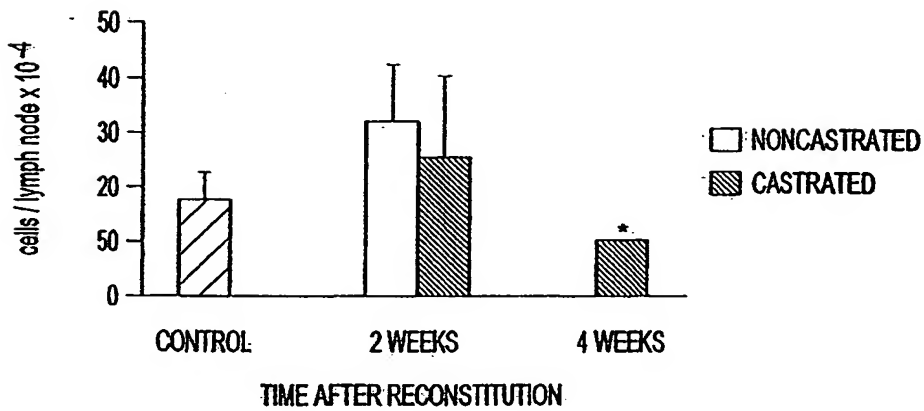


Figure 29B

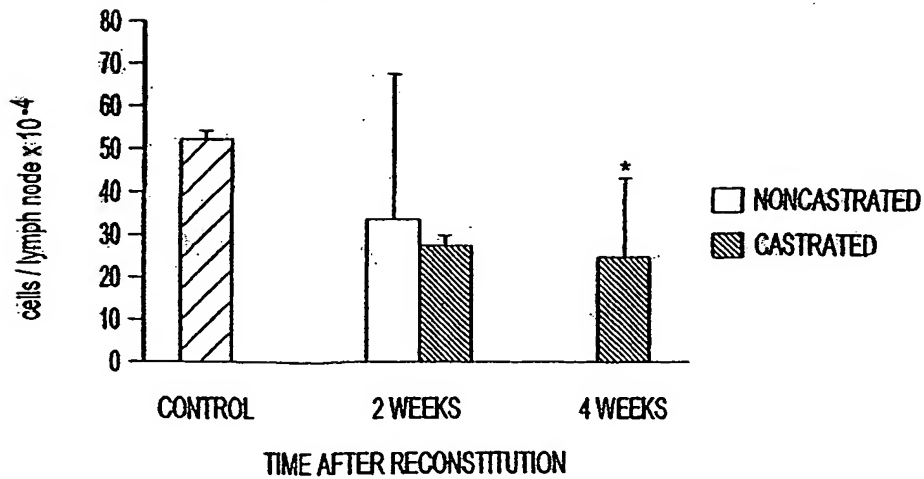
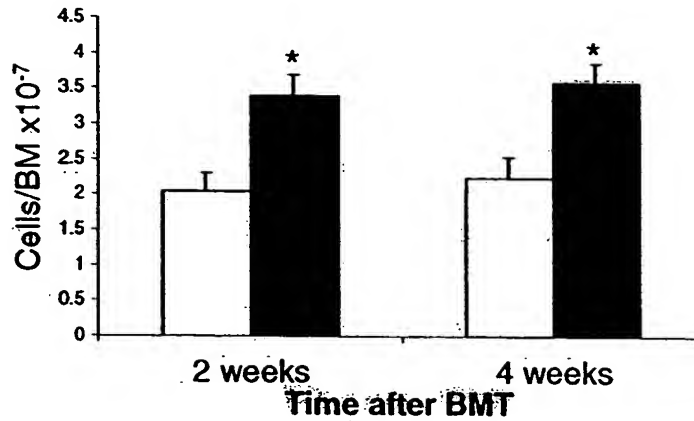
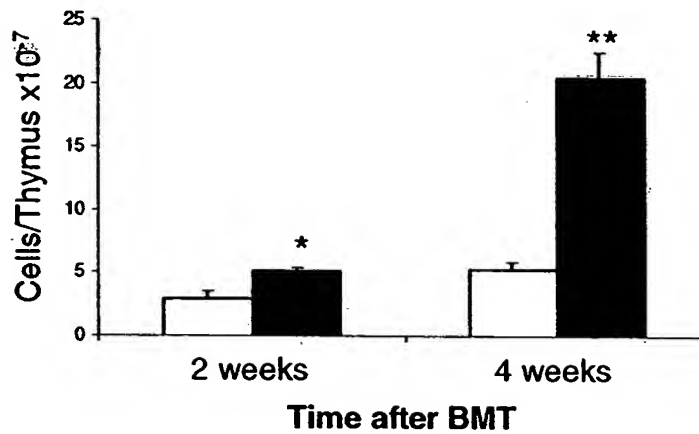


Figure 29C

A. Bone Marrow



B. Thymus



C. Spleen

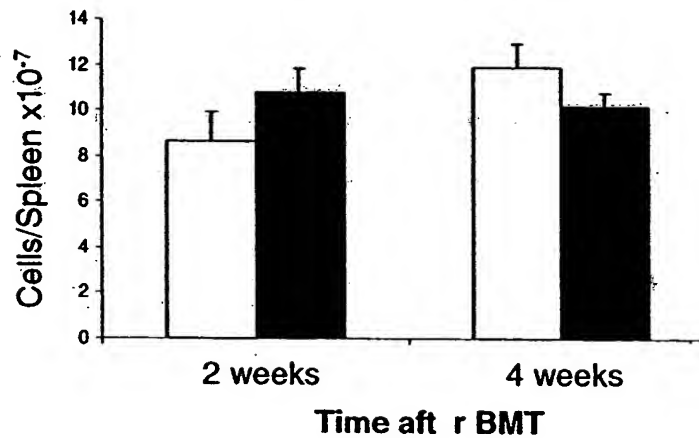


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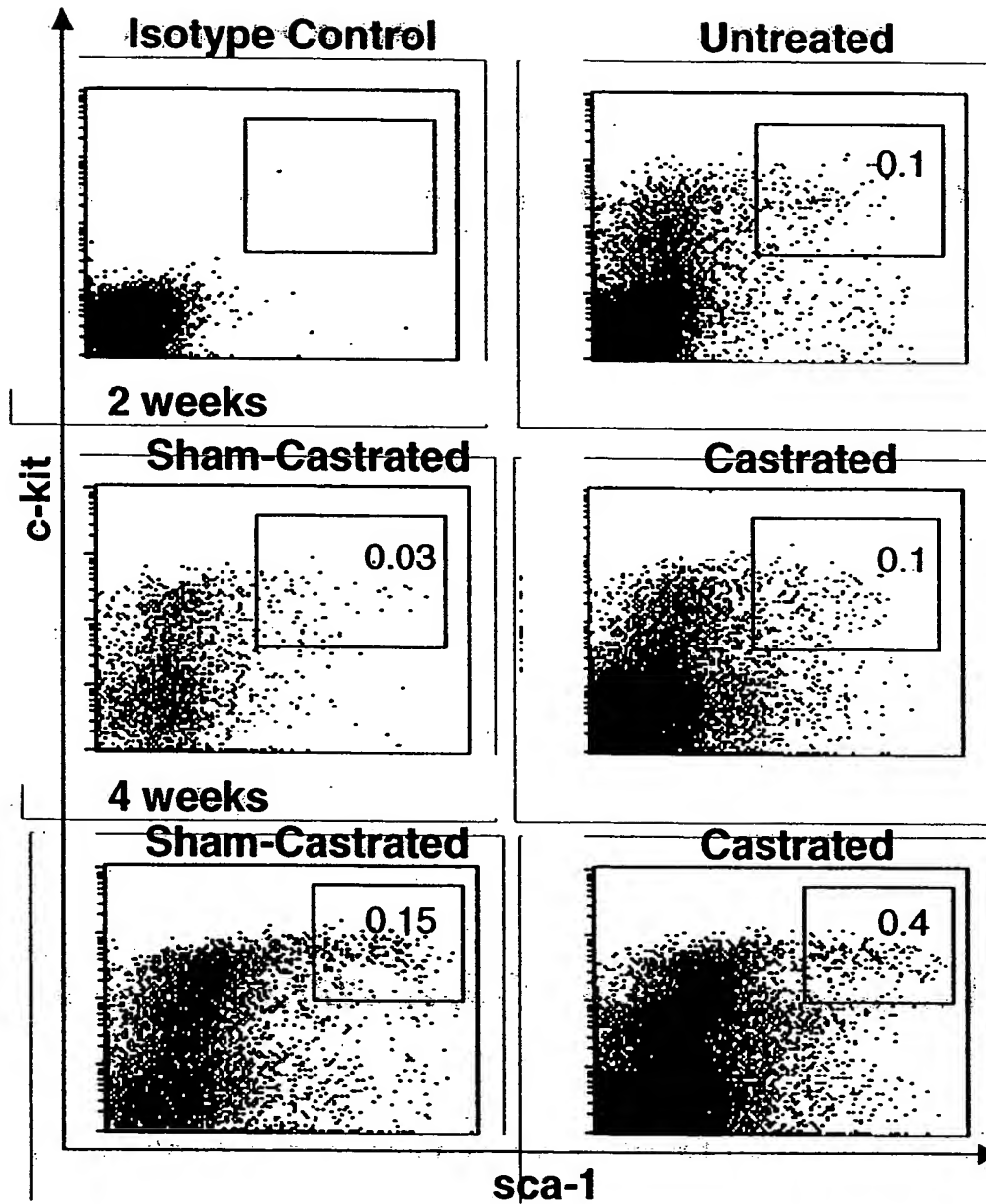
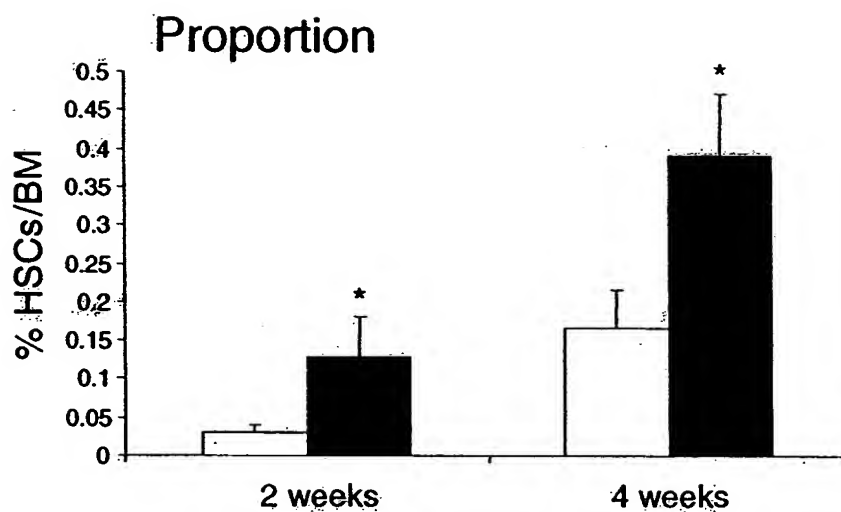


Figure 31

A.



B.

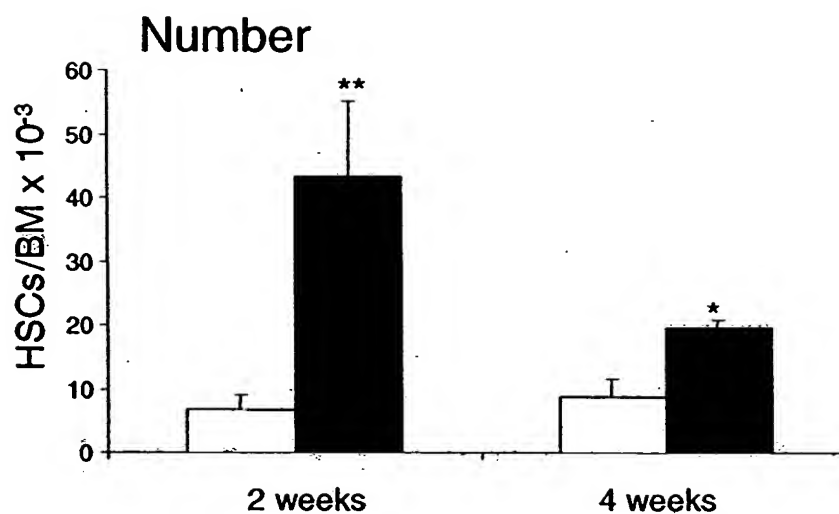
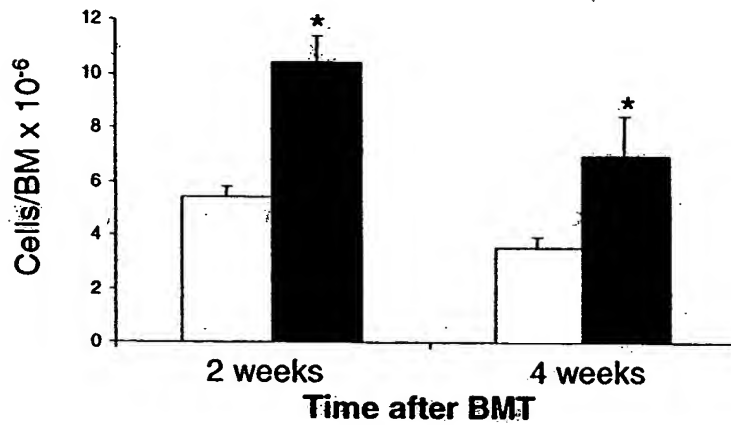


Figure 32

A. B Cell Precursors



B. B Cells

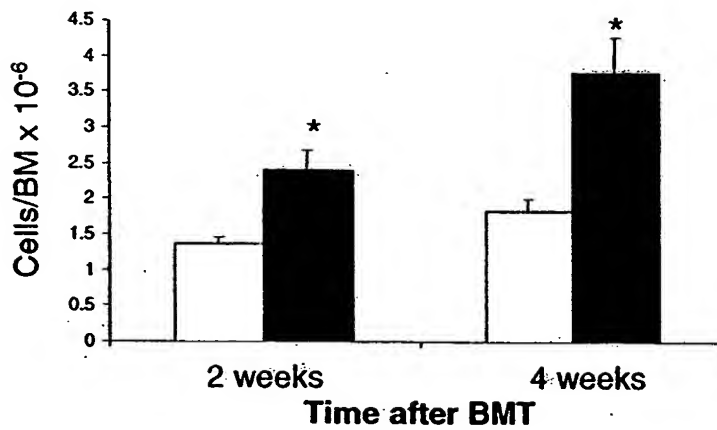


Figure 33

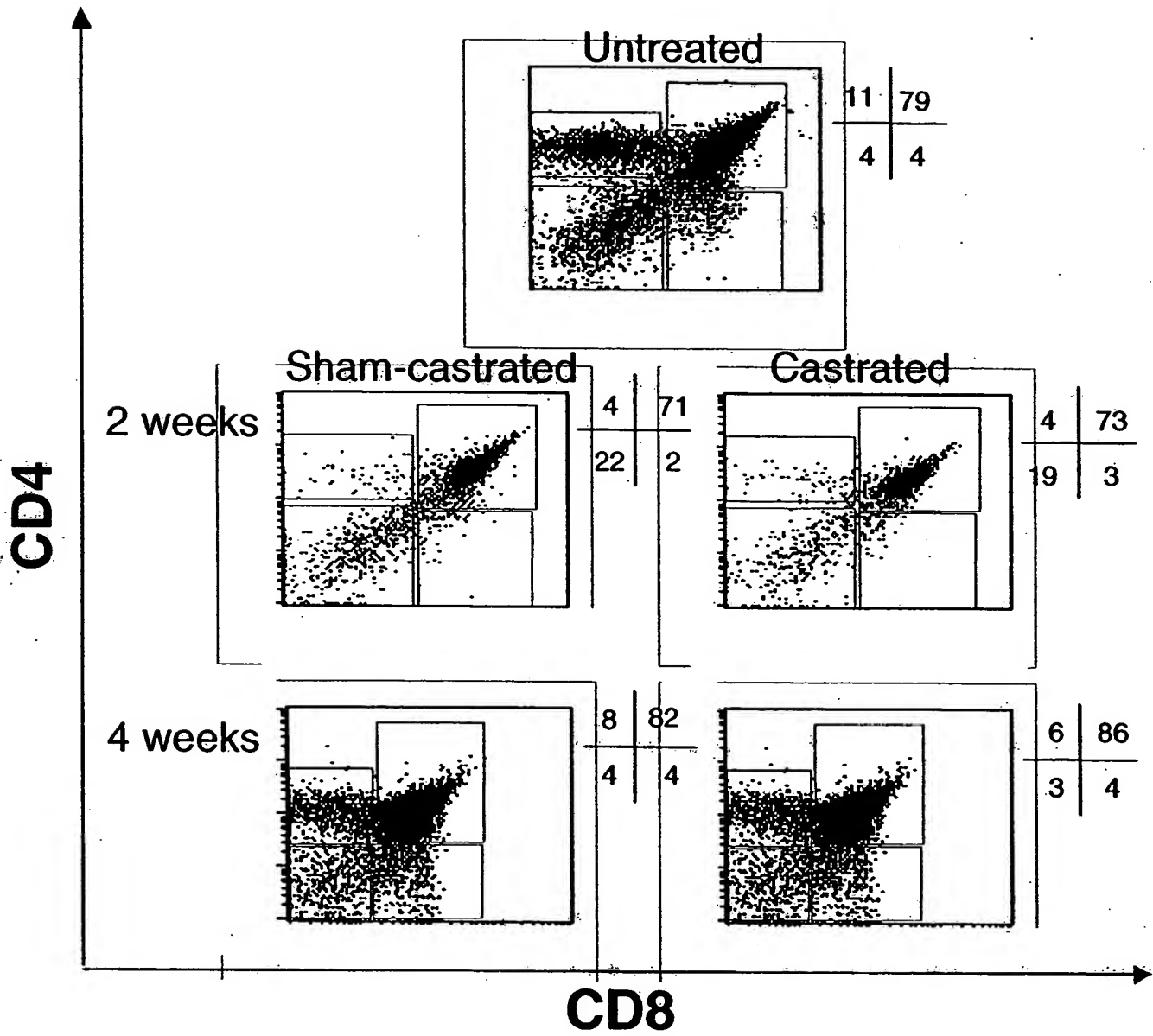


Figure 34

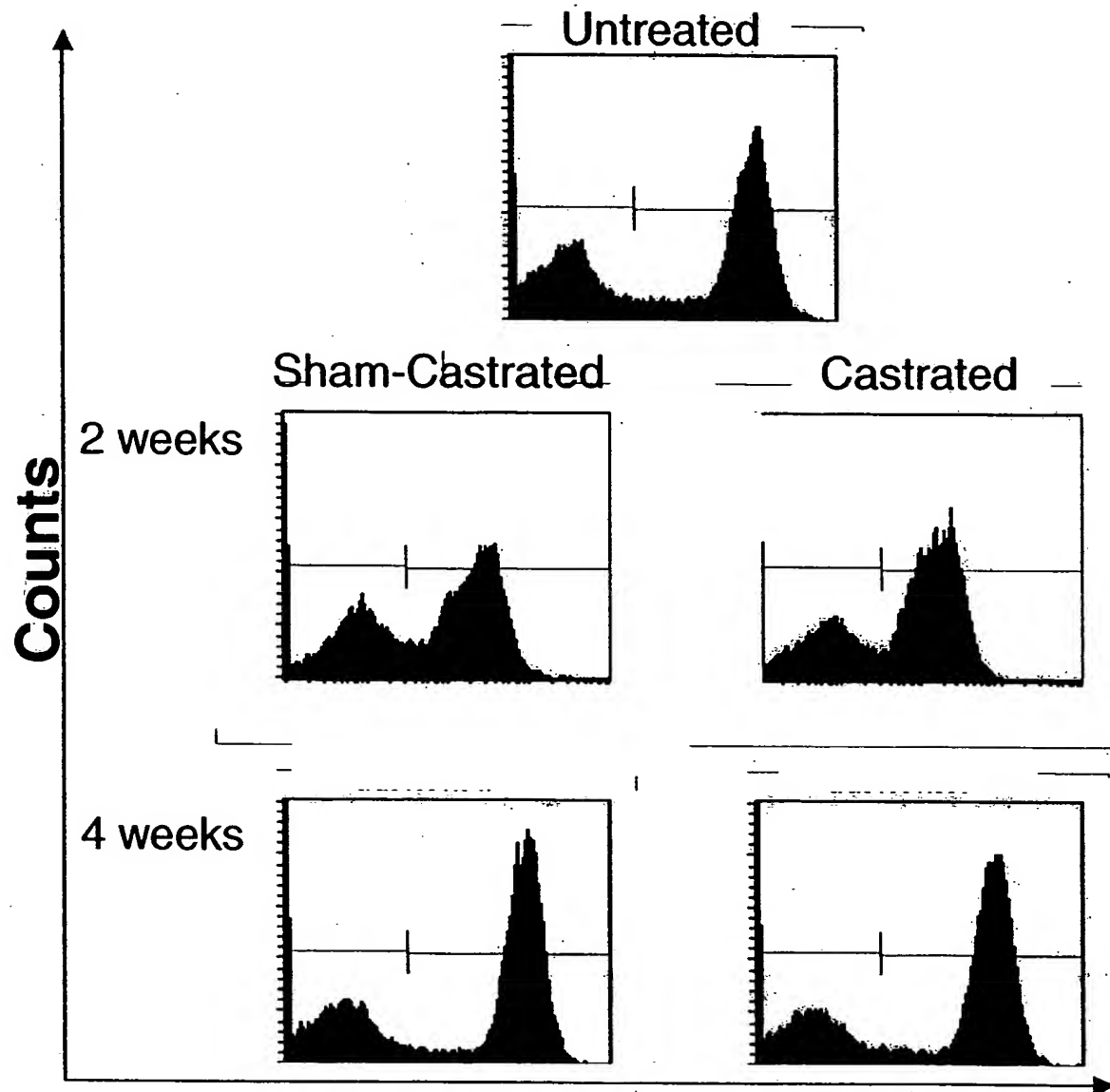


Figure 35

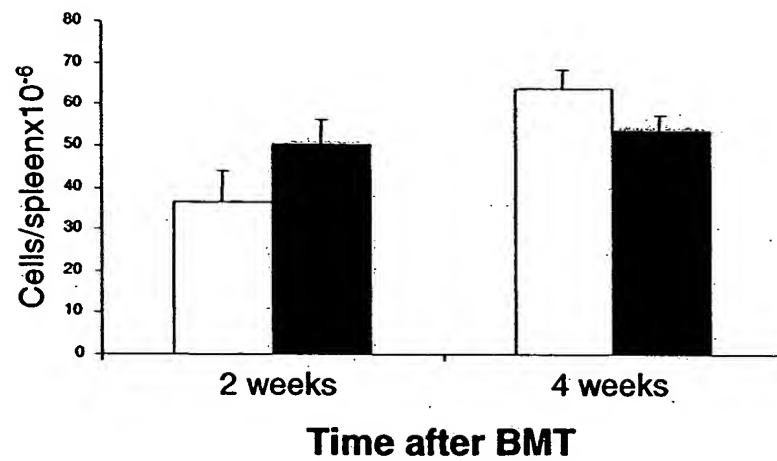


Figure 36

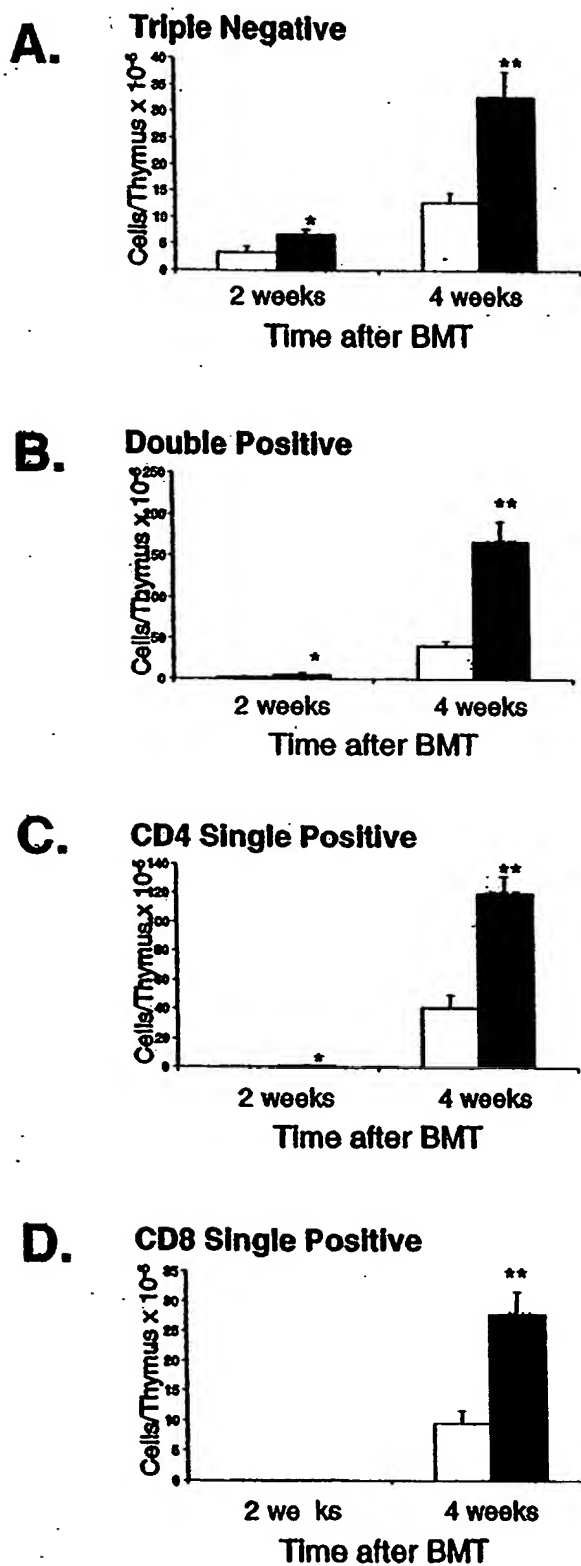


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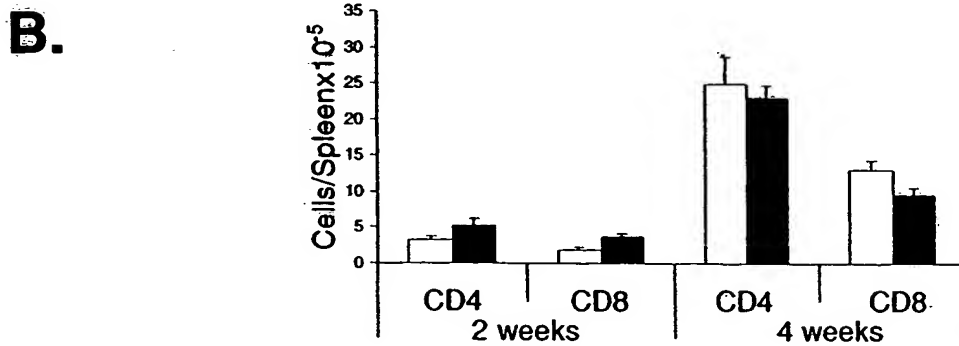
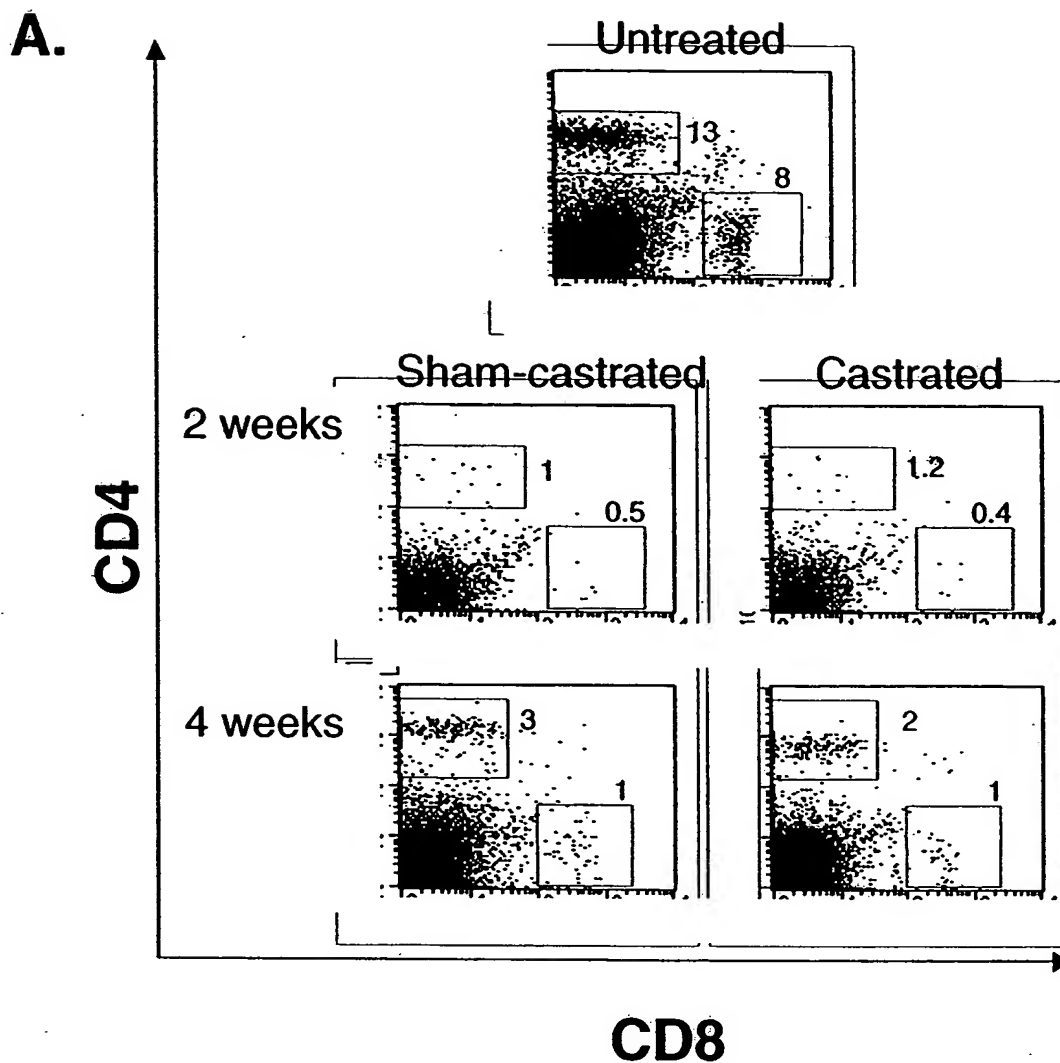
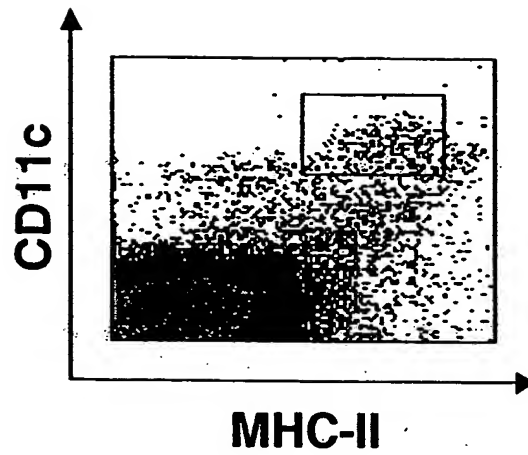


Figure 38

A.



B.

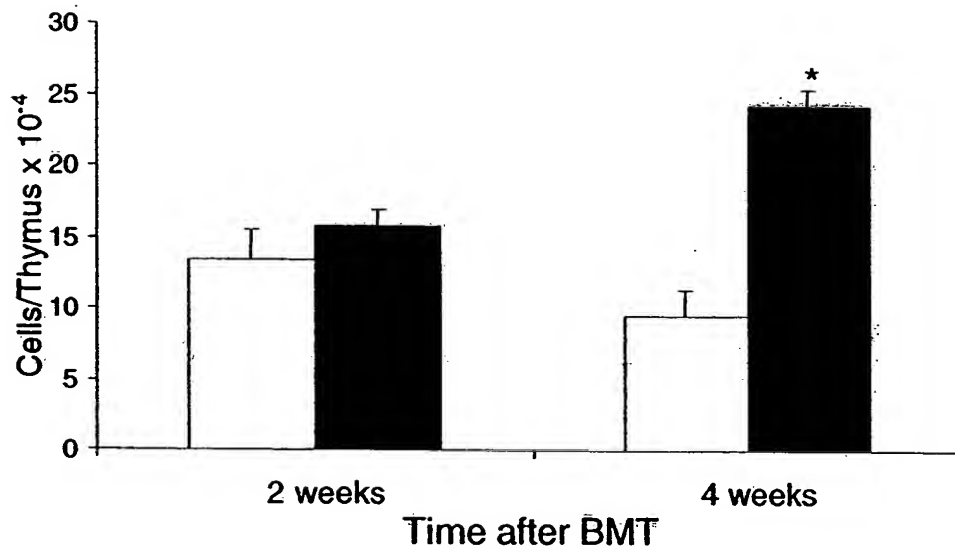


Figure 39

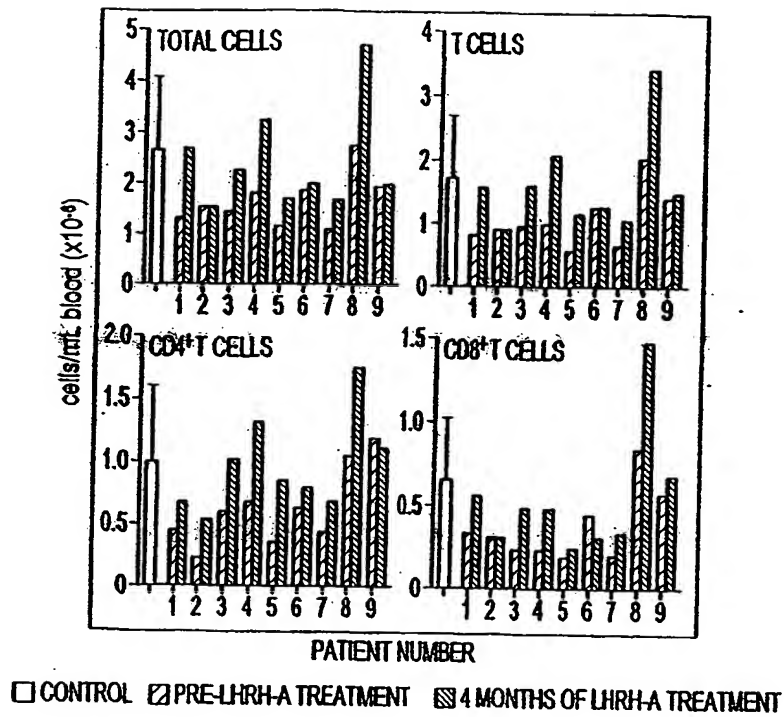


Figure 40

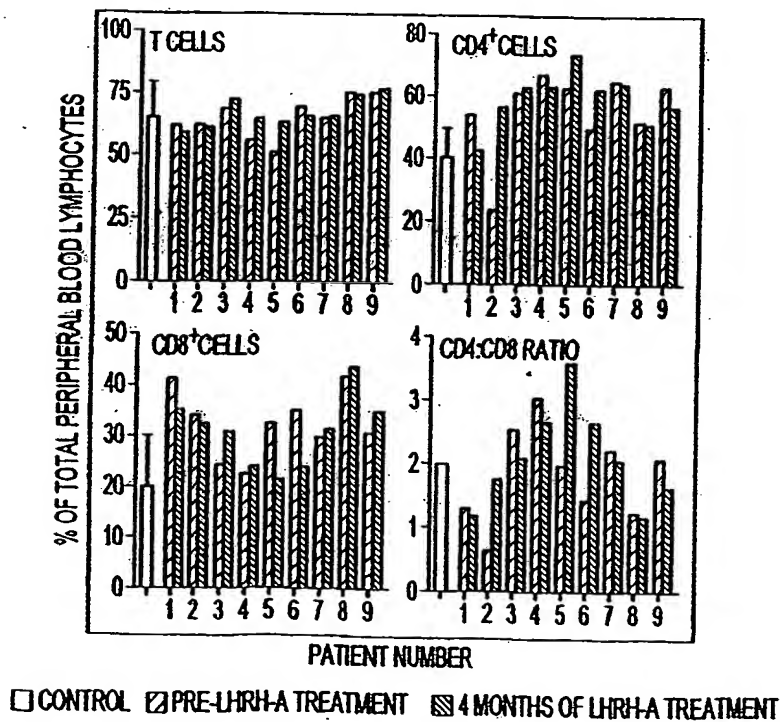


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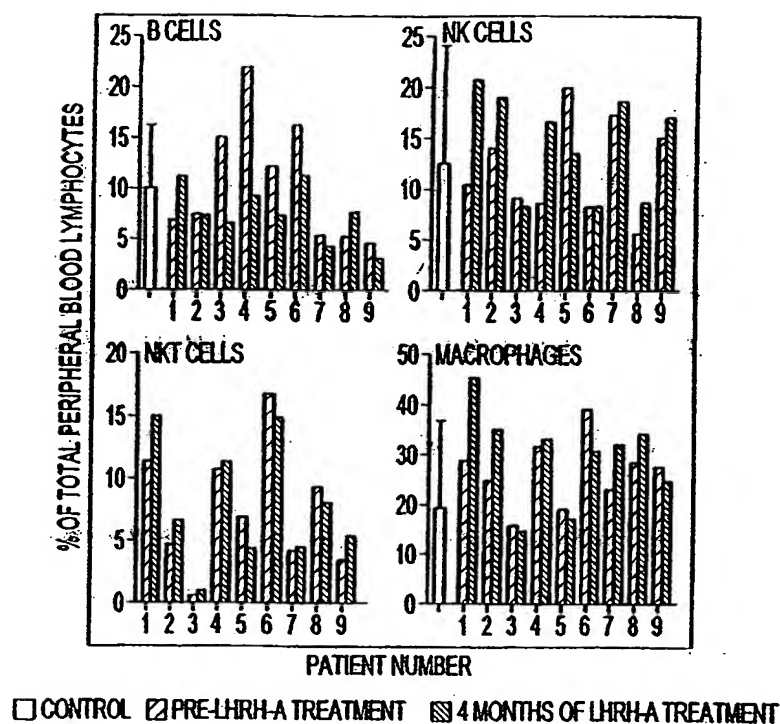


Figure 42

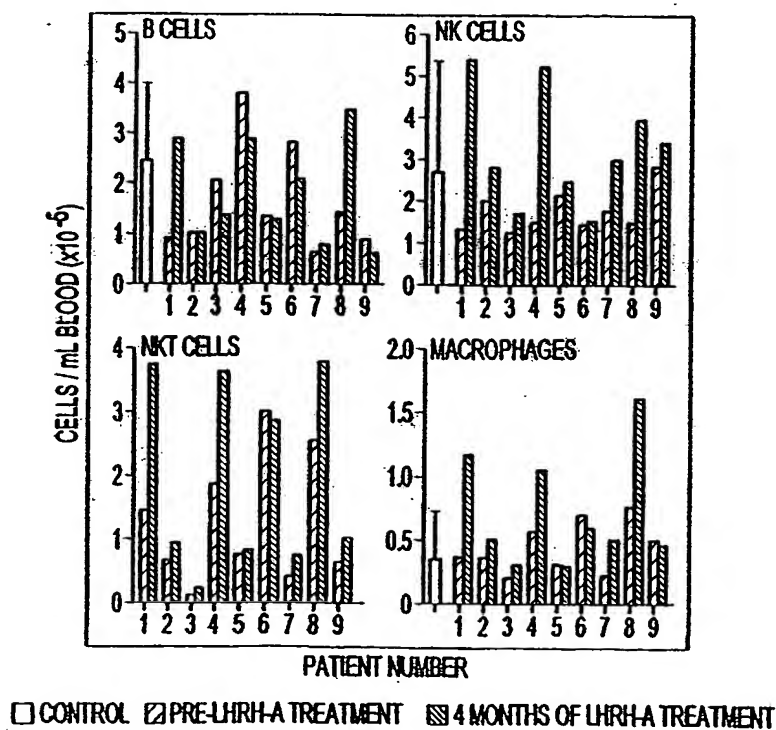


Figure 43

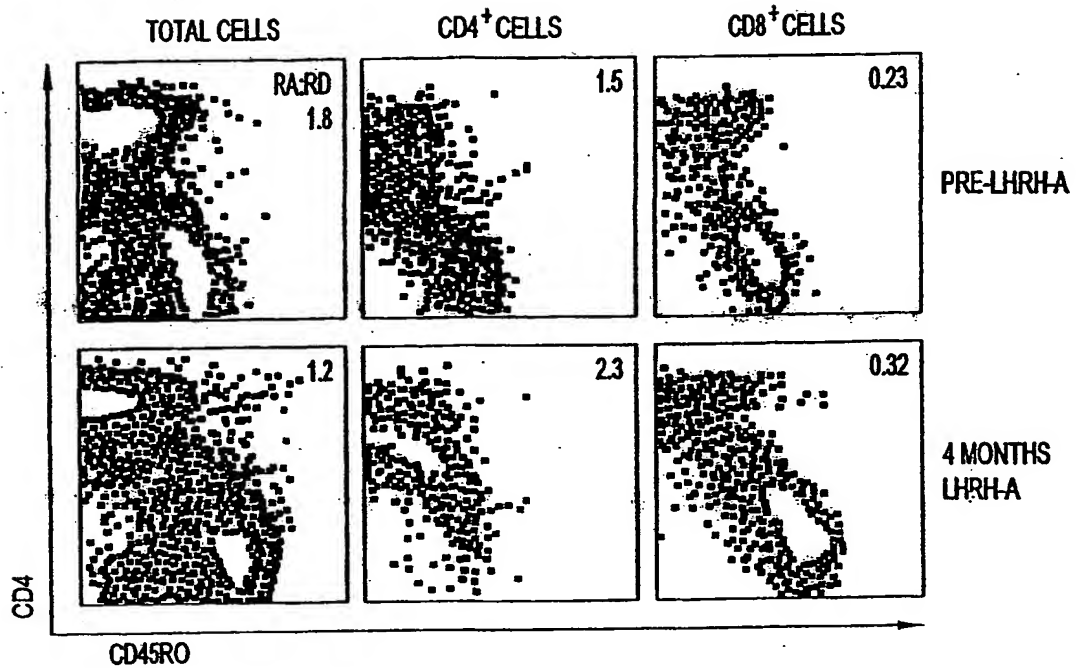


Figure 44A

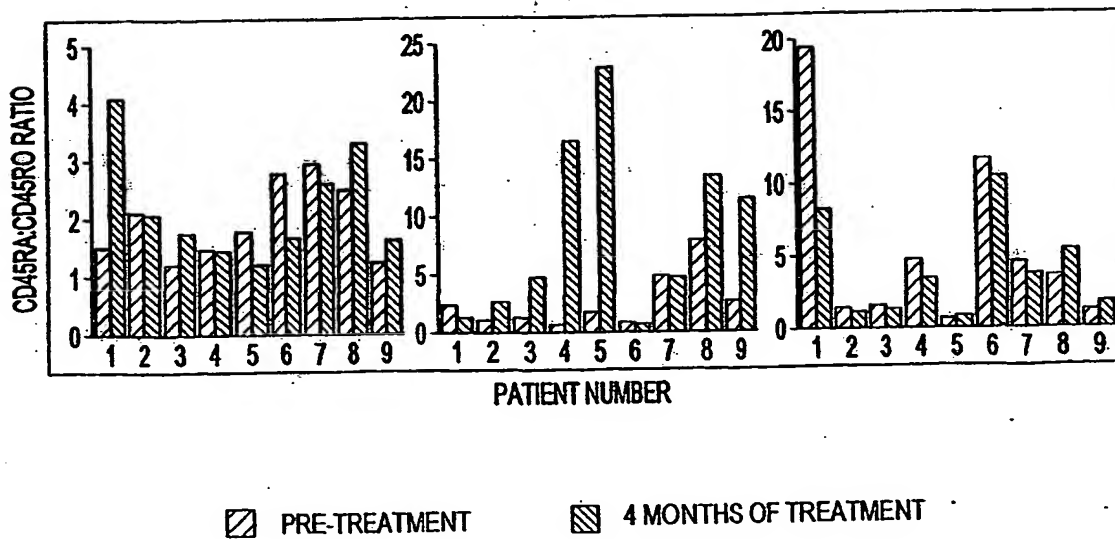
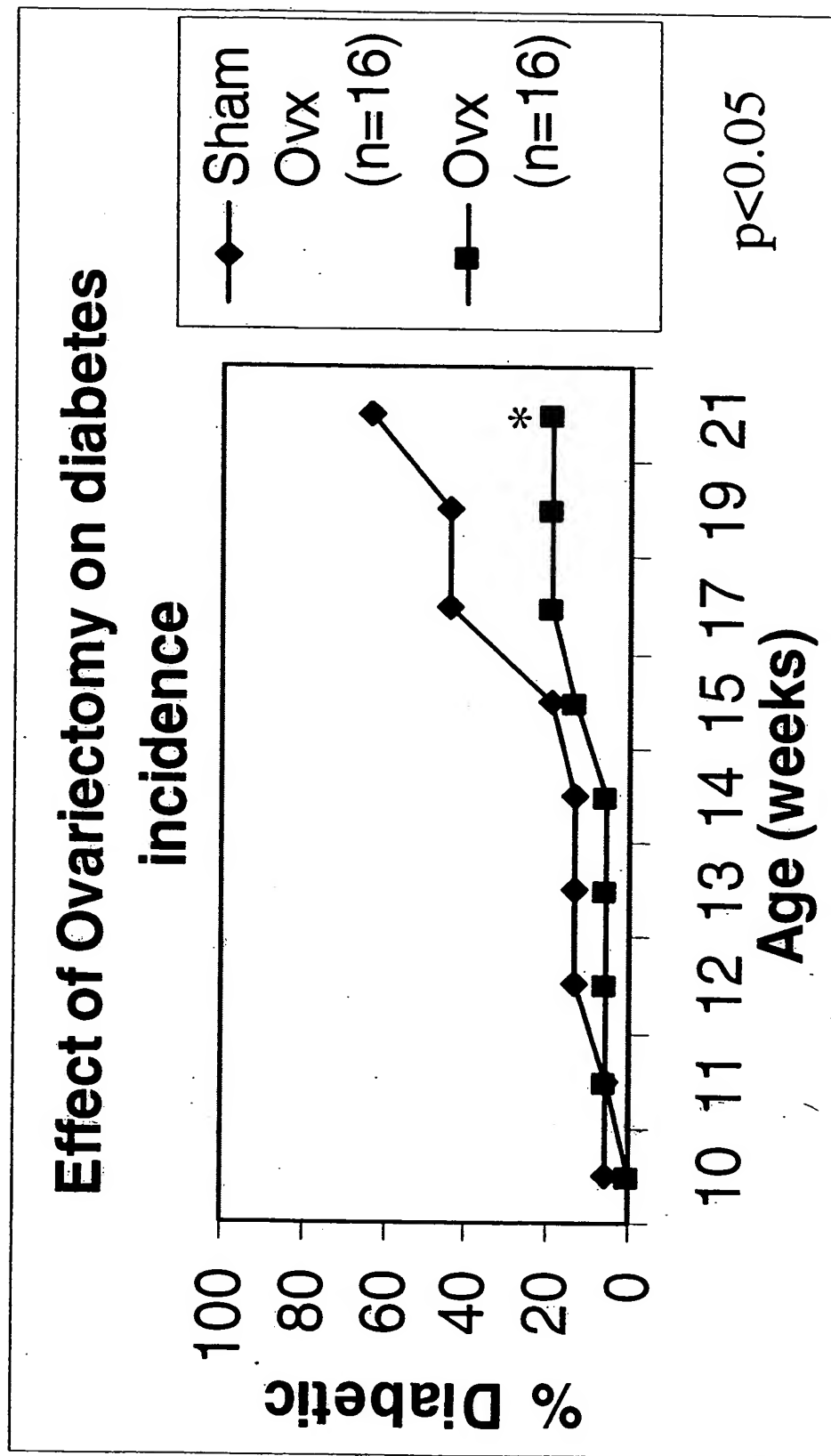


Figure 44B

Figure 45



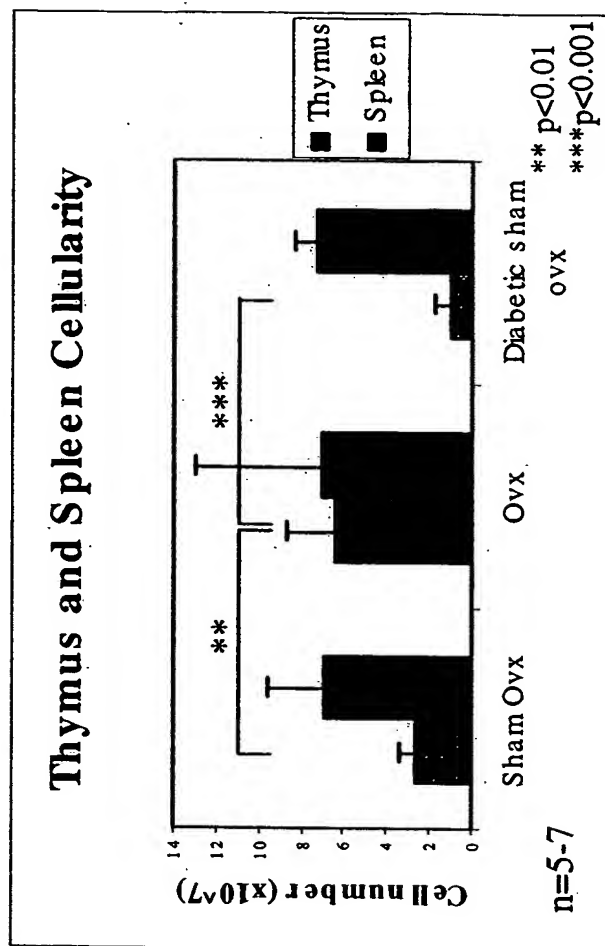
(Fisher's Exact Test)

Figure 46

Effects of Ovx on the Thymus and Spleen

At 21 weeks:

- Non-diabetic sham-ovx
- Non-diabetic ovx
- Diabetic sham-ovx



(Kruskal-Wallis)

Thymus, Spleen analysed for T cells, B cells, and regulatory cells

Effects of Ovx on T and B cells

Figure 47A

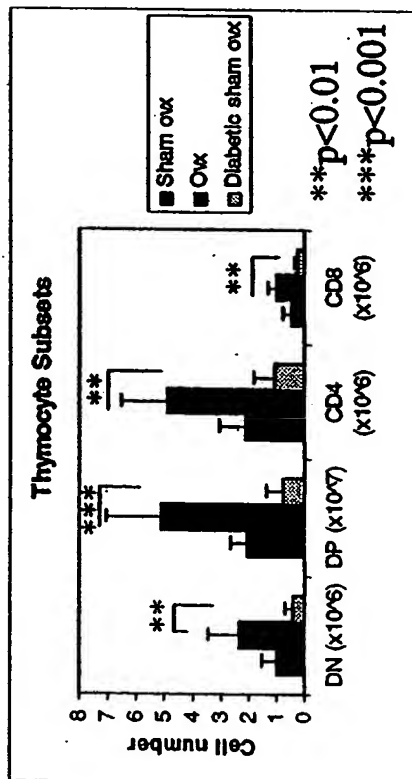


Figure 47B

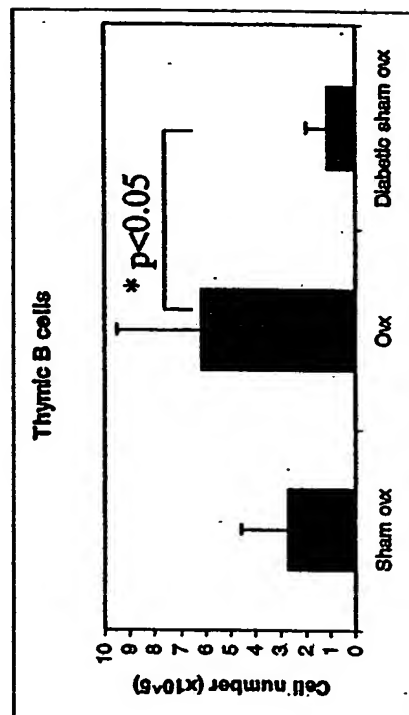
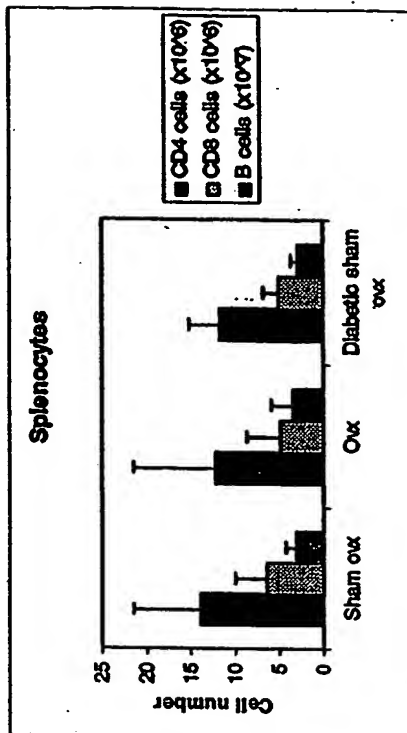


Figure 47C

n=5-7
(Kruskal-Wallis test)

CD4+CD25+ Cells

Figure 48A

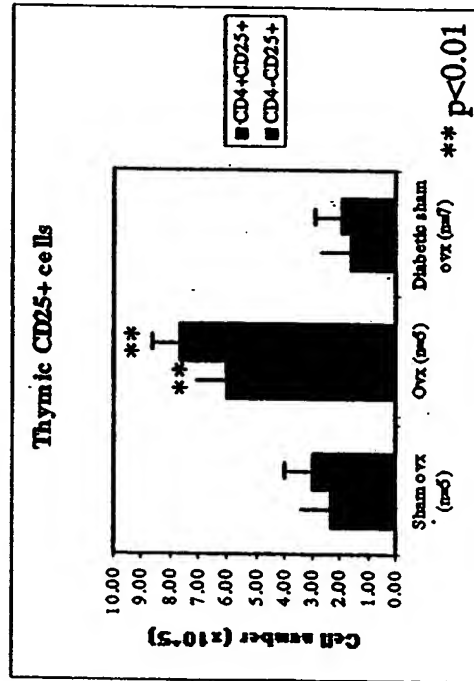
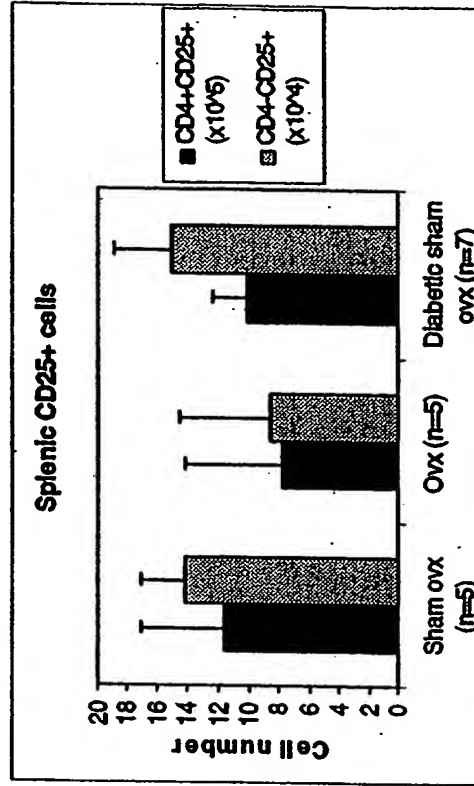


Figure 48B



Kruskal-Wallis test

There is a significant increase in CD25+ cell numbers in the thymii of ovx mice, but not in the spleen. Proportions do not change.